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*Attorneys for Sonos, Inc.*

UNITED STATES DISTRICT COURT  
NORTHERN DISTRICT OF CALIFORNIA,  
SAN FRANCISCO DIVISION

SONOS, INC.,  
Plaintiff and Counter-defendant,  
v.  
GOOGLE LLC,  
Defendant and Counter-claimant.

Case No. 3:20-cv-06754-WHA

Consolidated with  
Case No. 3:21-cv-07559-WHA

**JOINT AMENDED TRIAL EXHIBIT  
LIST**

1 Attached please find Plaintiff and Counter-Defendant Sonos, Inc. and Defendant and  
2 Counter-Claimant Google LLC's joint amended trial exhibit list.

3  
4 Dated: May 2, 2023

ORRICK HERRINGTON & SUTCLIFFE LLP  
and  
LEE SULLIVAN SHEA & SMITH LLP

6  
7 By: /s/ Clement S. Roberts

Clement S. Roberts

8 *Attorneys for Sonos, Inc.*  
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Sonos, Inc. v Google LLC, Case Nos. 3:20-cv-06754-WHA and 3:21-cv-07559-WHA (USDC NDCA)  
Joint Amended Trial Exhibit list

TRIAL EX.	DATE	DESCRIPTION	BATES BEGIN	GOOGLE'S OBJECTIONS	SONOS'S OBJECTIONS	DATE OFFERED	DATE ADMITTED	LIMITATIONS OF USE
TX0001	11/5/2019	U.S. Patent No. 10,469,966 (Lambourne)						
TX0002		WITHDRAWN						
TX0003	11/24/2020	U.S. Patent No. 10,848,885 (Lambourne) and certificate of correction						
TX0004	4/12/2019	File History for U.S. Patent No. 10,469,966 (U.S. App. No. 16/383,565)	SONOS-SVG2-00006559		403; H; R; PK; U			
TX0005		WITHDRAWN						
TX0006	4/12/2019	File History for U.S. Patent No. 10,848,885 (U.S. App. No. 16/383,561) - Depo Ex. Kennedy 1240; Butts 1252	SONOS-SVG2-00011280		H; R; PK; MIL			
TX0007		Screenshot of Youtube app (Mo Dep. Ex. 7)		R, 403, H				
TX0008		Screenshots captured on iPhone showing cast session (Mo Dep. Ex. 8)		R				
TX0009	6/5/2018	Cast Stream Transfer and Youtube, Summary (Mo Dep. Ex. 9)	GOOG-SONOSWDTX-00041934	R				
TX0010		Photos (Mo Dep. Ex. 10)		R, PK, BE, N				
TX0011	4/19/2022	Vincent Mo LinkedIn Profile (Mo Dep. Ex. 11)		R				
TX0012		WITHDRAWN						
TX0013		WITHDRAWN						
TX0014		WITHDRAWN						
TX0015		WITHDRAWN						
TX0016		WITHDRAWN						
TX0017		Screenshots of YouTube Music app (Nicholson Dep. Ex. 17)		R				
TX0018		WITHDRAWN						
TX0019		WITHDRAWN						
TX0020		Screenshots (Nicholson Dep. Ex. 20)		R, PK, A				
TX0021		Screenshot (Nicholson Dep. Ex. 21)		R, PK, A				
TX0022		WITHDRAWN						
TX0023	8/12/2020	Webpage: YouTube Music Playback Squad, Integrations (Nicholson Dep. Ex. 23)	GOOG-SONOSWDTX-00039699	R, 403				
TX0024		Kelly Keniston LinkedIn profile (Keniston Dep. Ex. 24)		R, 403				
TX0025		WITHDRAWN						
TX0026		WITHDRAWN						
TX0027		WITHDRAWN						
TX0028		WITHDRAWN						
TX0029		WITHDRAWN						
TX0030		WITHDRAWN						
TX0031		WITHDRAWN						
TX0032		WITHDRAWN						
TX0033		WITHDRAWN						
TX0034		WITHDRAWN						
TX0035		Kenneth MacKay CV (MacKay 5/10/2022 Dep. Ex. 35)		R				
TX0036		Webpage: Google Nest Help, Create and manage speaker groups (MacKay 5/10/2022 Dep. Ex. 36) (Pedro Dep. Ex. 36)	GOOG-SONOSWDTX-00007068	R, N				
TX0037	12/24/2020	International Application WO 2020/256766 A1 (Chan) (MacKay 5/10/2022 Dep. Ex. 37)		R				
TX0038	8/30/2018	Multizone Audio Design by Ken MacKay (MacKay 5/10/2022 Dep. Ex. 38)	GOOG-SONOSWDTX-00040384	R	403; H; A; PK; R			
TX0039	6/25/2019	U.S. Patent No. 10,334,306 (MacKay) (MacKay 5/10/2022 Dep. Ex. 39)		R				
TX0040	6/5/2014	Presentation: Google Cast for Audio - Initial UX spec 6.5.2014 (MacKay 5/10/2022 Dep. Ex. 40) (Shekel Dep. Ex. 1254)	GOOG-SONOSNDCA-00056732	R	403; H; A; PK; R			
TX0041		GC4A Technical Specification (MacKay 5/10/2022 Dep. Ex. 41)	GOOG-SONOSWDTX-00048792	R				
TX0042		Speaker Group Creation screenshots (MacKay 5/10/2022 Dep. Ex. 42) (Pedro Dep. Ex. 42)		R				
TX0043		Google Source Code (MacKay 5/10/2022 Dep. Ex. 43)	SC-GOOGSONOSNDCA-000042	R				
TX0044		Google Source Code (MacKay 5/10/2022 Dep. Ex. 44)	SC-GOOGSONOSNDCA-000027	R				
TX0045		Speaker Group Launch screenshots (MacKay 5/10/2022 Dep. Ex. 45)		R				
TX0046		Cast V2: Application Protocol (MacKay 5/10/2022 Dep. Ex. 46)	GOOG-SONOSWDTX-00038533	R				
TX0047		Google Source Code (MacKay 5/10/2022 Dep. Ex. 47)	SC-GOOGSONOSNDCA-000034	R				
TX0048	5/21/2015	Email from Matt Stuart to Tomer Shekel re "Cast enabled speakers"...need testers? (MacKay 5/10/2022 Dep. Ex. 48)	GOOG-SONOSNDCA-00074185	403, A, H, R, MIL				
TX0049		Michael Maigret CV (Maigret Dep. Ex. 49)		R				

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TRIAL EX.	DATE	DESCRIPTION	BATES BEGIN	GOOGLE'S OBJECTIONS	SONOS'S OBJECTIONS	DATE OFFERED	DATE ADMITTED	LIMITATIONS OF USE
TX0050		Spreadsheet: Hardware Financial data (Maigret Dep. Ex. 50) [NATIVE]	GOOG-SONOSNDCA-00055305	R	403; H; A; PK; R; INC; BE			
TX0051		Spreadsheet: Hardware_Revenue_and_Unit_Sales_Q4_2021_Update.xlsx (Maigret Dep. Ex. 51) [NATIVE]	GOOG-SONOSNDCA-00072568	R	403; H; A; PK; R; INC; BE			
TX0052		Spreadsheet: Sonos YouTube Data Request.xlsx (Maigret Dep. Ex. 52) [NATIVE]	GOOG-SONOSNDCA-00075573	R				
TX0053	8/27/2019	Presentation: ValensOK2Ship Wave 1 EXIT REVIEW by Google (Maigret Dep. Ex. 53)	GOOG-SONOSWDTX-00044962	R				
TX0054	7/15/2019	Email from Sana Mithani to Chris Cooke Re: Disable local transport on iOS for good? (Cooke Dep. Ex. 54) (Maigret Dep. Ex. 54) (Mills Dep. Ex. 62)	GOOG-SONOSNDCA-00071833	R				
TX0055	7/15/2019	Data chart for DisableLocalTransport:Control and DisableLocalTransport:Experiment (Cooke Dep. Ex. 55) (Maigret Dep. Ex. 55) (Mills Dep. Ex. 63)	GOOG-SONOSNDCA-00071835	R				
TX0056		Screenshots #1, 2 of music player connecting to device (Gasco Dep. Ex. 1300)		R				
TX0057		Screenshots #1-3 (Gasco Dep. Ex. 1301)		R				
TX0058		WITHDRAWN						
TX0059		INTENTIONALLY LEFT BLANK						
TX0060		Ali Mills LinkedIn profile (Mills Dep. Ex. 60)		R				
TX0061		WITHDRAWN						
TX0062		Sonos Digital Music System User Guide (April 2005) Part 1 (Lambourne Dep. Ex. 1077; Millington Dep. Ex. 1077)		R				
TX0063		Sonos Digital Music System User Guide (April 2005) Part 2 (Lambourne Dep. Ex. 1078; Millington Dep. Ex. 1078)		R				
TX0064	12/6/2011	Email from Tim Quirk to Debajit re joni, meet Debajit (Ghosh Dep. Ex. 64)	GOOG-SONOS-NDCA-00092766	R				
TX0065	11/14/2013	Content Integration Agreement between Sonos, Inc. and Google, Inc. (Ghosh Dep. Ex. 65) (Patnoe Dep. Ex. 99)	GOOG-SONOSNDCA-00055243	R				
TX0066		WITHDRAWN						
TX0067		WITHDRAWN						
TX0068		WITHDRAWN						
TX0069		WITHDRAWN						
TX0070		Chris Cooke LinkedIn profile (Cooke Dep. Ex. 70)		R				
TX0071		WITHDRAWN						
TX0072		Photos (Cooke Dep. Ex. 72)		R				
TX0073		Justin Pedro CV (Pedro Dep. Ex. 73)		R				
TX0074		Google Source Code (Pedro Dep. Ex. 74)	SC-GOOG-SONOSNDCA-000165	A, R				
TX0075		Google Source Code (Pedro Dep. Ex. 75)	SC-GOOG-SONOSNDCA-000167	R, 403				
TX0076		Google Source Code (Pedro Dep. Ex. 76)	SC-GOOG-SONOSNDCA-000168	R				
TX0077		Google Source Code (Pedro Dep. Ex. 77)		R, A, H				
TX0078		Google Source Code (Pedro Dep. Ex. 78)	SC-GOOG-SONOSNDCA-000145	R, A, H				
TX0079		Google Source Code (Pedro Dep. Ex. 79)		R, A, H				
TX0080		Google Source Code (Pedro Dep. Ex. 80)		R, A, H				
TX0081		Screenshots (Pedro Dep. Ex. 81)		R, A, H				
TX0082		Google Source Code (Pedro Dep. Ex. 82)	SC-GOOG-SONOSNDCA-001404	R, A, H				
TX0083	4/9/2022	Vincent Mo LinkedIn Profile (Mo Dep. Ex. 1)		R, A, H				
TX0084	4/1/2022	Sonos, Inc.'s First Rule 30(B)(6) Notice of Deposition of Google LLC [Corrected] (Chan Dep. Ex. 2) (Goddard Dep. Ex. 2) (MacKay 5/10/2022 Dep. Ex. 2) (MacLellan Dep. Ex. 2) (Maigret Dep. Ex. 2) (Mo Dep. Ex. 2) (Patil Dep. Ex. 2) (Pedro Dep. Ex. 2)		R, A, H				
TX0085		WITHDRAWN						
TX0086		WITHDRAWN						
TX0087		Screenshots captured on Pixel device running different Youtube apps (Mo Dep. Ex. 5)		R				
TX0088		WITHDRAWN						
TX0089		WITHDRAWN						
TX0090		Spreadsheet (Goddard Dep. Ex. 1200)	GOOG-SONOSNDCA-00116342	R				

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TX0091		WITHDRAWN						
TX0092		Screenshots Nos. 1-3 (MacLellan Dep. Ex. 1246)		R				
TX0093		WITHDRAWN						
TX0094		WITHDRAWN						
TX0095		WITHDRAWN						
TX0096		WITHDRAWN						
TX0097		WITHDRAWN						
TX0098		WITHDRAWN						
TX0099		INTENTIONALLY LEFT BLANK						
TX0100		WITHDRAWN						
TX0101		WITHDRAWN						
TX0102		WITHDRAWN						
TX0103		WITHDRAWN						
TX0104		WITHDRAWN						
TX0105		WITHDRAWN						
TX0106	3/29/2022	U.S. Patent No. 11,290,769 (Danciu) (Bobohalma Dep. Ex. 1002)		R, H				
TX0107		Screenshot of YouTube video (Bobohalma Dep. Ex. 1003)		R, A, H				
TX0108		Screenshot of YouTube video (Bobohalma Dep. Ex. 1004)		R				
TX0109		Screenshot of YouTube video (Bobohalma Dep. Ex. 1005)		R				
TX0110		INTENTIONALLY LEFT BLANK						
TX0111		INTENTIONALLY LEFT BLANK						
TX0112		INTENTIONALLY LEFT BLANK						
TX0113		INTENTIONALLY LEFT BLANK						
TX0114		INTENTIONALLY LEFT BLANK						
TX0115		Webpage: IFTTT, What is IFTTT? (https://ifttt.com/explorenew) (Schonfeld 8/31/2022 Dep. Ex. 115)	SONOS-SVG2-00224846	R				
TX0116		IFTTT, Spotify integrations (Schonfeld 8/31/2022 Dep. Ex. 116)		R				
TX0117		IFTTT, Sonos integrations (Schonfeld 8/31/2022 Dep. Ex. 117)		R				
TX0118		IFTTT, Button widget integrations (Schonfeld 8/31/2022 Dep. Ex. 118)		R				
TX0119		Create your own screenshot (Schonfeld 8/31/2022 Dep. Ex. 119)		R				
TX0120	4/11/2005	Email from Rob Lambourne to Andrew Schuler re Another UI idea-grouping/ungrouping zones (Schonfeld 8/31/2022 Dep. Ex. 120) - Depo Ex. Lambourne 1099	SONOS-SVG2-00026888	R	403; H; R; PK			
TX0121	5/6/2014	Email from Mario Queiroz to John MacFarlane re Introductions - Mario/Marc (Shekel Dep. Ex. 1250)	SONOS-SVG2-00040218	403, A, H, R, MIL				
TX0122	10/8/2013	Email from Ambarish Kenghe to Tomer Shekel re Chromecast/Google Cast Off-Site - Team Summary (Shekel Dep. Ex. 1251)	GOOG-SONOS-NDCA-00086370	403, A, H, R, MIL				
TX0123	2/11/2014	Email from Rishi Chandra to Mario Queiroz re Cast for Audio @linus update notes (Feb 11) (Shekel Dep. Ex. 1252)	GOOG-SONOSNDCA-00073743	403, A, H, R, MIL				
TX0124		Presentation: Sonos-Cast Introduction (Shekel Dep. Ex. 1253)		403, A, H, R, MIL				
TX0125		Presentation: Cast for Audio by Google (Shekel Dep. Ex. 1255)	GOOG-SONOSNDCA-00117800	R, H	403; H; R; PK; A			
TX0126		Photo (Shekel Dep. Ex. 1256)		R, H				
TX0127		Chris Chan LinkedIn profile (Chan Dep. Ex. 1260)		R, H				
TX0128		Spreadsheet (Chan Dep. Ex. 1261)		R				
TX0129		Spreadsheet: Play_Store_Release_Notes.xlsx (Chan Dep. Ex. 1262) [NATIVE]	GOOG-SONOSNDCA-00071315	R, H	403; H; A; PK; R			
TX0130		Spreadsheet: Install_Usage_Stats_for_Home_App_for_Android.xlsx (Chan Dep. Ex. 1263) [NATIVE]	GOOG-SONOSNDCA-00071316	R, H	403; H; A; PK; R			
TX0131		Spreadsheet: Pixel_and_PixelBook_Active_Install_Data.xlsx (Chan Dep. Ex. 1264) [NATIVE]	GOOG-SONOSNDCA-00073340	R, H	403; H; A; PK; R; INC; BE			
TX0132		Spreadsheet: YouTube usage metrics.xlsx (Chan Dep. Ex. 1265) [NATIVE]	GOOG-SONOSNDCA-00075634	R				
TX0133		Spreadsheet: Cast Data.xlsx (Chan Dep. Ex. 1266) [NATIVE]	GOOG-SONOSNDCA-00113696	R				
TX0134		Spreadsheet: Pixel and Pixelbook Install Data.xlsx (Chan Dep. Ex. 1267) [NATIVE]	GOOG-SONOSNDCA-00113697	R				
TX0135		Spreadsheet (Chan Dep. Ex. 1268) [NATIVE]	GOOG-SONOSNDCA-00115742	R	403; H; A; PK; R; INC; BE			
TX0136		Spreadsheet: US DAU + Paid DAU Data.xlsx (Chan Dep. Ex. 1269) [NATIVE]	GOOG-SONOSNDCA-00116300	R				

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TX0137		Spreadsheet: MAU & MAV for YouTube Apps.xlsx (Chan Dep. Ex. 1270) [NATIVE]	GOOG-SONOSNDCA-00117798	R				
TX0138		Spreadsheet: Apple App Store Data.xlsx (Bakewell Dep. Ex. 1271) (Chan Dep. Ex. 1271) [NATIVE]	GOOG-SONOSNDCA-00117825	R	403; H; R; PK; A			
TX0139		Spreadsheet (Chan Dep. Ex. 1272) [NATIVE]	GOOG-SONOSNDCA-00117826	R	403; H; R; PK; A			
TX0140		Spreadsheet: Multizone Data.xlsx (Chan Dep. Ex. 1273) [NATIVE]	GOOG-SONOSNDCA-00117827	R	403; H; R; PK; A			
TX0141		Spreadsheet: Paid Subscriber Data.xlsx (Chan Dep. Ex. 1274) [NATIVE]	GOOG-SONOSNDCA-00117828	R				
TX0142		Spreadsheet: Accused Apps on Accused Devices.xlsx (Chan Dep. Ex. 1275) [NATIVE]	GOOG-SONOSNDCA-00117829	R				
TX0143		Spreadsheet: Multizone data.xlsx (Chan Dep. Ex. 1276) [NATIVE]	GOOG-SONOSNDCA-00075635	R				
TX0144	6/3/2022	Errata Sheet for Deposition Transcript of Janos Levai taken on May 4, 2022 (Levai 1/6/2023 Dep. Ex. 1306)		R				
TX0145	6/3/2022	Errata Sheet for Deposition Transcript of Janos Levai taken on May 4, 2022 (Levai 1/6/2023 Dep. Ex. 1307)		R				
TX0146	5/4/2022	Deposition Transcript of Janos Levai taken on May 4, 2022 (Levai 1/6/2023 Dep. Ex. 1308)		R				
TX0147		Webpage: Compilation of news articles (Exhibit A) and Logitech Squeezebox Touch Features Guide and Sonos Digital Music System User Guide (Exhibit B) (Levai 1/6/2023 Dep. Ex. 1309)	GOOG-SONOS-NDCA-00108095	R	403; H; A; PK; R			
TX0148		WITHDRAWN						
TX0149		WITHDRAWN						
TX0150		WITHDRAWN						
TX0151		WITHDRAWN						
TX0152		WITHDRAWN						
TX0153		WITHDRAWN						
TX0154		Protocol: YouTube Remote Control (g039005_01034353.docx) (Levai 1/6/2023 Dep. Ex. 1317)	GOOG-SONOSNDCA-00075598	R				
TX0155		Google Source Code (MacKay 1/25/2023 Dep. Ex. 1320)	SC-GOOGSONOSNDCA-001607	R				
TX0156		Google Source Code (MacKay 1/25/2023 Dep. Ex. 1321)	SC-GOOGSONOSNDCA-001598	R				
TX0157		WITHDRAWN						
TX0158		Presentation: Speakers Prince Conjoint Survey Results (November 2019) (Bakewell Dep. Ex. 1342) - Depo Ex. Malackowski 1194	GOOG-SONOSNDCA-00056601	R	403; H; R; PK; A			
TX0159		Webpage: Sonos - Virtual Zones and Zone Grouping (https://len.community.sonos.com/music-services-and-sources-228994/virtual-zones-and-zone-grouping-14604) (Schonfeld 2/3/2023 Dep. Ex. 1353)	GOOG-SONOS-WDTX-INV-00015870	R	403; H; R; PK; A			
TX0160		Photo (Schonfeld 2/3/2023 Dep. Ex. 1356)		R, PK, BE, N				
TX0161		Action Screenshot - Spotify and Sonos Resume (Schonfeld 2/3/2023 Dep. Ex. 1357)	SONOS-SVG2-00227570	R				
TX0162		Screenshot of Google Home App (Schonfeld 2/3/2023 Dep. Ex. 1358)		R				
TX0163		WITHDRAWN						
TX0164		WITHDRAWN						
TX0165		WITHDRAWN						
TX0166		WITHDRAWN						
TX0167		WITHDRAWN						
TX0168		WITHDRAWN						
TX0169		Sonos Controller for Mac or PC: Product Guide (Kyriakakis Dep. Ex. 9)		R				
TX0170		WITHDRAWN						
TX0171		WITHDRAWN						
TX0172	2/3/2020	Alphabet Inc. Form 10-K for the fiscal year ended December 31, 2019	SONOS-SVG2-00055132	R, 403				
TX0173	2/2/2021	Alphabet Inc. Form 10-K for the fiscal year ended December 31, 2020	SONOS-SVG2-00055283	R, 403				
TX0174	2/1/2022	Alphabet Inc. Form 10-K for the fiscal year ended December 31, 2021	SONOS-SVG2-00234204	R, 403				
TX0175	7/27/2021	Alphabet Inc. Form 10-Q for quarterly period ended 6/30/2021	SONOS-SVG2-00055681	R, 403	403; H; R; PK			
TX0176	10/25/2022	Alphabet Inc. Form 10-Q for the quarterly period ended September 30, 2022	SONOS-SVG2-00234306	R, 403				
TX0177	11/28/2018	Sonos, Inc. Form 10-K for the fiscal year ended September 29, 2018	SONOS-SVG2-00235140	R, 403				
TX0178	11/25/2019	Sonos, Inc. Form 10-K for the fiscal year ended September 28, 2019	SONOS-SVG2-00236586	R, 403				

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TX0179	11/23/2020	Sonos, Inc. Form 10-K for the fiscal year ended October 3, 2020	SONOS-SVG2-00235245	R, 403				
TX0180	11/22/2021	Sonos, Inc. Form 10-K for the fiscal year ended October 2, 2021	SONOS-SVG2-00226210	R, 403				
TX0181	11/23/2022	Sonos, Inc. Form 10-K for the fiscal year ended October 1, 2022	SONOS-SVG2-00236788	R, 403				
TX0182	5/11/2022	Sonos, Inc. Form 10-Q for quarter ended April 2, 2022	GOOG-SONOSNDCA-00125620	R, 403				
TX0183	3/30/2022	S&P Capital IQ, Alphabet Inc. Public Company Profile	SONOS-SVG2-00225790	R				
TX0184	3/30/2022	S&P Capital IQ, Google LLC Private Company Profile	SONOS-SVG2-00225797	R				
TX0185	3/30/2022	S&P Capital IQ, Sonos, Inc. Public Company Profile	SONOS-SVG2-00226308	R				
TX0186	6/22/2022	Curriculum Vitae of Kevin C. Almeroth		R, N				
TX0187	6/22/2022	Materials Considered (Exhibit D to Almeroth's 6/22/22 expert report)		R				
TX0188	6/22/2022	Chart Summarizing Evidence for Hardware Elements (Exhibit G to Almeroth's 6/22/22 expert report)		R				
TX0189	6/22/2022	Demonstratives (Exhibit H to Almeroth's 6/22/22 expert report)		R				
TX0190		Materials Considered (Exhibit C to Almeroth's 7/27/22 expert report)		R				
TX0191	7/27/2022	Demonstratives (Exhibit F to Almeroth's 7/27/22 expert report)		R				
TX0192	7/21/2022	Order re Cross Motions for Partial Summary Judgment as to Claim 1 of '885 Patent, Dkt. No. 309 (Exhibit B to Almeroth's 11/30/22 expert report)		R				
TX0193		Representative Examples of iOS Devices (Exhibit I to Almeroth's 11/30/22 expert report)		R				
TX0194		Materials Considered (Exhibit J to Almeroth's 11/30/22 expert report)		R				
TX0195		Asserted Claims of the 10,469,966 and 10,848,885 (Exhibit K to Almeroth's 11/30/22 expert report)		R				
TX0196		Pixel Device Hardware Components (Exhibit O to Almeroth's 11/30/22 expert report)		R				
TX0197		Chart Summarizing Evidence for Hardware Elements of Accused Google Players (Exhibit P to Almeroth's 11/30/22 expert report)		R				
TX0198	11/30/2022	Demonstratives (Exhibit Q to Almeroth's 11/30/22 expert report)		R				
TX0199		Materials Considered (Exhibit 2 to Almeroth's 1/13/23 expert report)		R				
TX0200		Asserted Claims of the 10,469,966 (Exhibit 3 to Almeroth's 1/13/23 expert report)		R				
TX0201		7,571,014 v 9,141,645 (Exhibit 4 to Almeroth's 1/13/23 expert report)		R				
TX0202	1/13/2023	Demonstratives (Exhibit 5 to Almeroth's 1/13/23 expert report)		R				
TX0203		Screenshots (Appendix A to Almeroth's 1/23/23 expert report)		R				
TX0204		Materials Considered (Exhibit 1 to Almeroth's 1/23/23 expert report)		R				
TX0205	11/29/2022	Webpage: Google speaker and display firmware versions and release notes (https://support.google.com/googlenest/answer/7365257?hl=en#zippy=%2...f-your-speaker-or-display%2Ccheck-the-version-on-your-nest-display) (Exhibit 2 to Almeroth's 1/23/23 expert report)		R				
TX0206	1/3/2023	Email from Cole Richter to Marc Kaplan re RE: Sonos/Google -- NDCA2 (Exhibit 3 to Almeroth's 1/23/23 expert report)		R				
TX0207	1/23/2023	Demonstratives (Exhibit 4 to Almeroth's 1/23/23 expert report)		R				
TX0208		Rough Draft transcript of 1/25/23 deposition of Ken MacKay (Exhibit 5 to Almeroth's 1/26/23 expert report)		R				
TX0209		Demonstratives (Exhibit 1 to Almeroth's 3/21/23 expert report)		R				
TX0210		WITHDRAWN						
TX0211		WITHDRAWN						
TX0212		WITHDRAWN						
TX0213		Pixel Device Hardware (Exhibit 7 to Schmidt's 6/22/22 expert report)		R				
TX0214		WITHDRAWN						
TX0215		WITHDRAWN						
TX0216		WITHDRAWN						
TX0217		WITHDRAWN						
TX0218		WITHDRAWN						
TX0219		WITHDRAWN						
TX0220		WITHDRAWN						
TX0221		WITHDRAWN						
TX0222		Representative Examples of iOS Devices (Exhibit 6 to Schmidt's 11/30/22 expert report)		R				

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TX0223		Pixel Device Hardware (Exhibit 7 to Schmidt's 11/30/22 expert report)		R				
TX0224		WITHDRAWN						
TX0225		WITHDRAWN						
TX0226		WITHDRAWN						
TX0227		WITHDRAWN						
TX0228		WITHDRAWN						
TX0229		WITHDRAWN						
TX0230		WITHDRAWN						
TX0231		WITHDRAWN						
TX0232		Curriculum Vitae of James E. Malackowski		R				
TX0233		Documents Considered (Appendix 2 to Malackowski's 6/22/22 expert report)		R				
TX0234		Appendix 3 to Malackowski's 6/22/22 expert report		R				
TX0235		Appendix 4 to Malackowski's 6/22/22 expert report		R				
TX0236		Appendix 5 to Malackowski's 6/22/22 expert report		R				
TX0237		Appendix 6 to Malackowski's 6/22/22 expert report		R				
TX0238		Appendix 7 to Malackowski's 6/22/22 expert report		R				
TX0239		Appendix 8 to Malackowski's 6/22/22 expert report		R, A, H				
TX0240		Appendix 9 to Malackowski's 6/22/22 expert report		R, A, H				
TX0241		Appendix 10 to Malackowski's 6/22/22 expert report		R, A, H				
TX0242		Documents Considered (Appendix 2 to Malackowski's 11/30/22 expert report)		R, A, H				
TX0243		Appendix 3 to Malackowski's 11/30/22 expert report		R, A, H, N, 403				
TX0244		Appendix 4 to Malackowski's 11/30/22 expert report		R				
TX0245		Appendix 5 to Malackowski's 11/30/22 expert report		R				
TX0246		Appendix 6 to Malackowski's 11/30/22 expert report		R, A, H, N, 403				
TX0247		Appendix 7 to Malackowski's 11/30/22 expert report		R, A, H, PK				
TX0248		Appendix 8 to Malackowski's 11/30/22 expert report		R				
TX0249		Appendix 9 to Malackowski's 11/30/22 expert report		R				
TX0250		Appendix 10 to Malackowski's 11/30/22 expert report		R				
TX0251		Appendix 11 to Malackowski's 11/30/22 expert report		R, A, H				
TX0252		Appendix 12 to Malackowski's 11/30/22 expert report		R, A, H				
TX0253		Documents Considered (Appendix 2-S to Malackowski's 12/9/22 expert report)		R, A, H				
TX0254		Appendix 3-S to Malackowski's 12/9/22 expert report		R				
TX0255		Appendix 4-S to Malackowski's 12/9/22 expert report		R				
TX0256		Appendix 5-S to Malackowski's 12/9/22 expert report		R, A, H				
TX0257		Appendix 6 to Malackowski's 12/9/22 expert report		R				
TX0258		Appendix 7-S to Malackowski's 12/9/22 expert report		R				
TX0259		Appendix 8-S to Malackowski's 12/9/22 expert report		R				
TX0260		Appendix 9 to Malackowski's 12/9/22 expert report		R, A, H				
TX0261		Appendix 10 to Malackowski's 12/9/22 expert report		R, A, H				
TX0262		Appendix 11 to Malackowski's 12/9/22 expert report		R, A, H				
TX0263		Appendix 12-S to Malackowski's 12/9/22 expert report		R				
TX0264		Documents Considered (Appendix 2-R to Malackowski's 1/23/23 expert report)		R				
TX0265		Appendix 3-R To Malackowski's 1/23/23 Expert Report		R				
TX0266		Appendix 4-R To Malackowski's 1/23/23 Expert Report		R				
TX0267		Appendix 5-R To Malackowski's 1/23/23 Expert Report		R, A, H				
TX0268		Appendix 7-R To Malackowski's 1/23/23 Expert Report		R				
TX0269	2/22/2021	Google LLC's Objections and Responses to Plaintiff Sonos, Inc.'s First Set of Interrogatories		R				
TX0270	6/7/2021	Google LLC's First Supplemental Objections and Responses to Plaintiff Sonos, Inc.'s First Set of Interrogatories (No. 4)		R				
TX0271	9/7/2021	Google LLC's First Objections and Responses to Plaintiff Sonos, Inc.'s First Set of Fact Discovery Interrogatories		R				
TX0272	12/23/2021	Google LLC's Supplemental Objections and Responses to Plaintiff Sonos, Inc.'s First Set of Fact Discovery Interrogatories (Nos. 1-5, 7-9, 14, 15)		R				



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TX0273	1/28/2022	Google LLC's Second Supplemental Objections and Responses to Plaintiff Sonos, Inc.'s First Set of Fact Discovery Interrogatories (No. 5)		R				
TX0274	2/4/2022	Google LLC's Third Supplemental Objections and Responses to Plaintiff Sonos, Inc.'s First Set of Fact Discovery Interrogatories (Nos. 13, 14, 15)		R				
TX0275	4/5/2022	Google LLC's Fourth Supplemental Objections and Responses to Plaintiff Sonos, Inc.'s First Set of Fact Discovery Interrogatories (Nos. 5, 9, 17)		R				
TX0276	4/7/2022	Google LLC's Fifth Supplemental Objections and Responses to Plaintiff Sonos, Inc.'s First Set of Fact Discovery Interrogatories (No. 12)		R, 403, H				
TX0277	4/29/2022	Google LLC's Sixth Supplemental Objections and Responses to Plaintiff Sonos, Inc.'s First Set of Fact Discovery Interrogatories (No. 9)		R				
TX0278	8/19/2022	Google LLC's Seventh Supplemental Objections and Responses to Plaintiff Sonos, Inc.'s First Set of Fact Discovery Interrogatories (No. 9)		R				
TX0279	11/3/2022	Google LLC's Third Supplemental Objections and Responses to Plaintiff Sonos, Inc.'s First Set of Fact Discovery Interrogatories (No. 15)		R				
TX0280	11/21/2022	Google LLC's Eighth Supplemental Objections and Responses to Plaintiff Sonos, Inc.'s First Set of Fact Discovery Interrogatories (No. 18)		R				
TX0281	11/29/2022	Google LLC's Ninth Supplemental Objections and Responses to Plaintiff Sonos, Inc.'s First Set of Fact Discovery Interrogatories (No. 12)		R				
TX0282	11/30/2022	Google LLC's Tenth Supplemental Objections and Responses to Plaintiff Sonos, Inc.'s First Set of Fact Discovery Interrogatories (No. 5, 9, 17, 21)		R				
TX0283	2/21/2023	Google LLC's Eleventh Supplemental Objections and Responses to Plaintiff Sonos, Inc.'s First Set of Fact Discovery Interrogatories (No. 14)		R				
TX0284	3/22/2021	Google LLC's Objections and Responses to Plaintiff Sonos, Inc.'s Second Set of Interrogatories		R				
TX0285	5/5/2021	Google LLC's First Supplemental Objections and Responses to Plaintiff Sonos, Inc.'s Second Set of Interrogatories (No. 9)		R				
TX0286	5/2/2022	Google LLC's Objections and Responses to Sonos, Inc.'s Second Set of Fact Discovery Interrogatories (ROG No. 21)		R				
TX0287	5/7/2021	Google LLC's Objections and Responses to Plaintiff Sonos, Inc.'s Third Set of Interrogatories		R				
TX0288	7/2/2021	Google LLC's First Supplemental Objections and Responses to Plaintiff Sonos, Inc.'s Third Set of Interrogatories (Nos. 11 and 13)		R				
TX0289	7/8/2021	Google LLC's Second Supplemental Objections and Responses to Plaintiff Sonos, Inc.'s Third Set of Interrogatories (No. 11)		R				
TX0290	11/14/2022	Google LLC's Objections and Responses to Sonos, Inc.'s Third Set of Fact Discovery Interrogatories (Nos. 23-24)		R				
TX0291	4/8/2022	Google LLC's Objections and Responses to Sonos, Inc.'s First Set of Requests for Admission (Nos. 1-12)		R				
TX0292	11/7/2022	Google LLC's Objections and Responses to Sonos, Inc.'s Second Set of Requests for Admission (Nos. 13-46)		R				
TX0293	3/1/2021	Sonos Inc.'s Responses and Objections to Google LLC's First Set of Interrogatories to Sonos, Inc.'s Regarding Venue		R				
TX0294	9/7/2021	Sonos, Inc.'s Objections and Responses to Google LLC's First Set of Interrogatories (Nos. 1-20)		R				
TX0295	1/21/2022	Sonos, Inc.'s First Supplemental Responses and Objections to Google's First Set of Interrogatories		R				
TX0296	2/4/2022	Sonos, Inc.'s Second Supplemental Responses and Objections to Google's First Set of Interrogatories		R				
TX0297	2/4/2022	Attachment A to Sonos, Inc.'s Second Supplemental Responses and Objections to Google's First Set of Interrogatories		R				
TX0298	3/21/2022	Sonos, Inc.'s Third Supplemental Responses and Objections to Google's First Set of Interrogatories (1-20)		R				
TX0299	11/8/2022	Sonos, Inc.'s Fourth Supplemental Responses and Objections to Google's First Set of Interrogatories (1-20)		R				

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TX0300	11/30/2022	Sonos, Inc.'s Corrected Supplemental Responses and Objections to Google's First Set of Interrogatories (1-20)		R				
TX0301	5/17/2021	Sonos, Inc.'s Responses and Objections to Google LLC's Second Set of Interrogatories to Sonos, Inc. Regarding Venue		R				
TX0302	2/4/2022	Sonos, Inc.'s Responses and Objections to Google's Second Set of Interrogatories		R				
TX0303	3/21/2022	Sonos, Inc.'s First Supp. Responses and Objections to Google's Second Set of Interrogatories (21)		R				
TX0304		WITHDRAWN						
TX0305	10/14/2022	Sonos, Inc.'s Responses and Objections to Google's Third Set of Interrogatories (22-25)		R				
TX0306	6/18/2018	Top 300 Organizations Granted U.S. Patents in 2017, IPO (Ex. E to Sonos's 3rd Amnd Complaint NDCA-7559) (Ex. E to Sonos's Amended Answer to 2nd Amended Complaint NDCA-6754)		A, R				
TX0307	0/0/2017	Webpage: IEEE - Interactive: Patent Power 2017 (Ex. F to Sonos's 3rd Amnd Complaint NDCA-7559) (Ex. F to Sonos's Amended Answer to 2nd Amended Complaint NDCA-6754)		R, 403				
TX0308	9/28/2020	Webpage: Sonos - How it started ( <a href="https://www.sonos.com/en-us/how-it-started">https://www.sonos.com/en-us/how-it-started</a> ) (Ex. G to Sonos's 3rd Amnd Complaint NDCA-7559) (Ex. G to Sonos's Amended Answer to 2nd Amended Complaint NDCA-6754)		R				
TX0309	3/1/2018	Webpage: Digital Trends - Sonos vs. Bluesound: A Hi-fi, Wi-Fi Speaker System Shootout ( <a href="https://www.digitaltrends.com/home-theater/bluesound-vs-sonos">https://www.digitaltrends.com/home-theater/bluesound-vs-sonos</a> ) (Ex. H to Sonos's 3rd Amnd Complaint NDCA-7559) (Ex. H to Sonos's Amended Answer to 2nd Amended Complaint NDCA-6754)		R, A, H				
TX0310	6/12/2019	Webpage: What Hi-Fi - Sonos multi-room system review (2019) ( <a href="https://www.whathifi.com/us/reviews/sonos-multi-room-system">https://www.whathifi.com/us/reviews/sonos-multi-room-system</a> ) (Ex. I to Sonos's 3rd Amnd Complaint NDCA-7559)(Ex. I to Sonos's Amended Answer to 2nd Amended Complaint NDCA-6754)		R, A, H				
TX0311	4/10/2014	Webpage: Wired - Now You Can Stream Google Play Music Through Your Sonos System ( <a href="https://www.wired.com/2014/04/google-play-music-sonos/">https://www.wired.com/2014/04/google-play-music-sonos/</a> ) (Ex. J to Sonos's 3rd Amnd Complaint NDCA-7559)(Ex. J to Sonos's Amended Answer to 2nd Amended Complaint NDCA-6754)		R, A, H				
TX0312	9/29/2015	Webpage: The Guardian - Google launches new Chromecast and Chromecast Audio streaming dongles ( <a href="https://www.theguardian.com/technology/2015/sep/29/google-launches-new-chromecast-audio-streaming-dongles">https://www.theguardian.com/technology/2015/sep/29/google-launches-new-chromecast-audio-streaming-dongles</a> ) (Ex. K to Sonos's 3rd Amnd Complaint NDCA-7559)(Ex. K to Sonos's Amended Answer to 2nd Amended Complaint NDCA-6754)		R, A, H				
TX0313		WITHDRAWN						
TX0314	12/10/2015	Webpage: Pocket-lint - New Chromecast Audio features let you play hi-res audio in every room at once ( <a href="https://www.pocket-lint.com/tv/news/google/136147-new-chromecast-audio-features-let-you-play-hi-res-audio-in-every-room-at-once">https://www.pocket-lint.com/tv/news/google/136147-new-chromecast-audio-features-let-you-play-hi-res-audio-in-every-room-at-once</a> ) (Ex. M to Sonos's 3rd Amnd Complaint NDCA-7559) (Ex. M to Sonos's Amended Answer to 2nd Amended Complaint NDCA-6754)		R, A, H				
TX0315	10/4/2017	Webpage: Gizmodo - Google's Home Max Goes After HomePod With a Big Ass Sonos Clone ( <a href="https://gizmodo.com/home-max-google-goes-after-homepod-with-a-big-ass-sono-1819143218">https://gizmodo.com/home-max-google-goes-after-homepod-with-a-big-ass-sono-1819143218</a> ) (Ex. N to Sonos's 3rd Amnd Complaint NDCA-7559) (Ex. N to Sonos's Amended Answer to 2nd Amended Complaint NDCA-6754)		R, A, H				
TX0316		WITHDRAWN						
TX0317	12/5/2019	Webpage: Google Nest Help - Create and manage speaker groups ( <a href="https://support.google.com/googlenest/answer/7174267?hl=en">https://support.google.com/googlenest/answer/7174267?hl=en</a> ) (Ex. P to Sonos's 3rd Amnd Complaint NDCA-7559) (Ex. P to Sonos's Amended Answer to 2nd Amended Complaint NDCA-6754)		R				

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TX0318	12/5/2019	Webpage: Google - Listen to music on Google Nest and Google Home speakers and displays (https://support.google.com/googlenest/answer/7030379?hl=en) (Ex. Q to Sonos's 3rd Amnd Complaint NDCA-7559) (Ex. Q to Sonos's Amended Answer to 2nd Amended Complaint NDCA-6754)		R				
TX0319	9/28/2020	Webpage: Google Store - Welcome to Google Nest. Build your helpful home. (https://store.google.com/us/category/connected_home) (Ex. R to Sonos's 3rd Amnd Complaint NDCA-7559) (Ex. R to Sonos's Amended Answer to 2nd Amended Complaint NDCA-6754)		R				
TX0320	5/7/2019	Webpage: Tech Crunch, Google renames Home Hub to the Nest Hub and releases a 10-inch Nest Hub Max (https://techcrunch.com/2019/05/07/google-renames-home-hub-to-the-nest-hub-and-releases-a-10-inch-nest-hub-max/) (Ex. S to Sonos's 3rd Amnd Complaint NDCA-7559)(Ex. S to Sonos's Amended Answer to 2nd Amended Complaint NDCA-6754)		R, A, H				
TX0321	11/4/2019	Webpage: Google Nest - How the Nest Wifi team set up their home networks (https://www.blog.google/products/google-nest/nest-wifi-on-shelves/) (Ex. T to Sonos's 3rd Amnd Complaint NDCA-7559) (Ex. T to Sonos's Amended Answer to 2nd Amended Complaint NDCA-6754)		R				
TX0322	12/5/2019	Webpage: Google Play - Google Home app (https://play.google.com/store/apps/details?id=com.google.android.apps.chromecast.app) (Ex. U to Sonos's 3rd Amnd Complaint NDCA-7559) (Ex. U to Sonos's Amended Answer to 2nd Amended Complaint NDCA-6754)		R				
TX0323	12/5/2019	Webpage: App Store Preview - Google Home app (https://apps.apple.com/us/app/google-home/id680819774) (Ex. V to Sonos's 3rd Amnd Complaint NDCA-7559)(Ex. V to Sonos's Amended Answer to 2nd Amended Complaint NDCA-6754)		R, A, H				
TX0324	12/5/2019	Webpage: Google Play - Google Play Music app (https://play.google.com/store/apps/details?id=com.google.android.music) (Ex. W to Sonos's 3rd Amnd Complaint NDCA-7559)(Ex. W to Sonos's Amended Answer to 2nd Amended Complaint NDCA-6754)		R				
TX0325	12/5/2019	Webpage: App Store Preview - Google Play Music app (https://apps.apple.com/us/app/google-play-music/id691797987) (Ex. X to Sonos's 3rd Amnd Complaint NDCA-7559)(Ex. X to Sonos's Amended Answer to 2nd Amended Complaint NDCA-6754)		R, A, H				
TX0326	12/5/2019	Webpage: Google Play, YouTube Music app (https://play.google.com/store/apps/details?id=com.google.android.music) (Ex. Y to Sonos's 3rd Amnd Complaint NDCA-7559) (Ex. Y to Sonos's Amended Answer to 2nd Amended Complaint NDCA-6754)		R, A, H				
TX0327	12/5/2019	Webpage: App Store Preview - YouTube Music app (https://apps.apple.com/us/app/youtube-music/id1017492454) (Ex. Z to Sonos's 3rd Amnd Complaint NDCA-7559) (Ex. Z to Sonos's Amended Answer to 2nd Amended Complaint NDCA-6754)		R, A, H				
TX0328		WITHDRAWN						
TX0329	12/5/2019	Webpage: Google Store - Pixel Slate (https://store.google.com/product/pixel_slate_specs) (Ex. AB to Sonos's 3rd Amnd Complaint NDCA-7559) (Ex. AB to Sonos's Amended Answer to 2nd Amended Complaint NDCA-6754)		R				
TX0330	12/5/2019	Webpage: Google Store - Compare Pixelbook Laptops (https://store.google.com/magazine/compare_laptops) (Ex. AC to Sonos's 3rd Amnd Complaint NDCA-7559) (Ex. AC to Sonos's Amended Answer to 2nd Amended Complaint NDCA-6754)		R				
TX0331		WITHDRAWN						
TX0332	9/27/2020	Webpage: Google Store - Google Pixel 4a (https://store.google.com/us/product/pixel_4a_specs) (Ex. AE to Sonos's 3rd Amnd Complaint NDCA-7559) (Ex. AE to Sonos's Amended Answer to 2nd Amended Complaint NDCA-6754)		R				

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TX0333	8/18/2020	Webpage: Android Central, Google Nest speakers are one step closer to replacing your Sonos system ( <a href="https://www.androidcentral.com/google-nest-speakers-just-got-better-multi-room-audio-controls?amp">https://www.androidcentral.com/google-nest-speakers-just-got-better-multi-room-audio-controls?amp</a> ) (Ex. AF to Sonos's 3rd Amnd Complaint NDCA-7559) (Ex. AF to Sonos's Amended Answer to 2nd Amended Complaint NDCA-6754)		R, A, H				
TX0334	9/21/2020	Webpage: TechRadar - New Google Nest release date, price, and rumors ( <a href="https://www.techradar.com/news/google-nest-home-everything-we-know-about-the-new-google-speaker">https://www.techradar.com/news/google-nest-home-everything-we-know-about-the-new-google-speaker</a> ) (Ex. AG to Sonos's 3rd Amnd Complaint NDCA-7559) (Ex. AG to Sonos's Amended Answer to 2nd Amended Complaint NDCA-6754)		R, A, H				
TX0335		WITHDRAWN						
TX0336	10/4/2016	Webpage: The Register, Google's hardware extravaganza: Ad giant takes on Sonos, Roku, Linksys, Amazon, Oculus... you name it ( <a href="https://www.theregister.co.uk/2016/10/04/google_hardware_extravaganza/">https://www.theregister.co.uk/2016/10/04/google_hardware_extravaganza/</a> ) (Ex. AI to Sonos's 3rd Amnd Complaint NDCA-7559) (Ex. AI to Sonos's Amended Answer to 2nd Amended Complaint NDCA-6754)		R, A, H				
TX0337		WITHDRAWN						
TX0338		WITHDRAWN						
TX0339		WITHDRAWN						
TX0340		WITHDRAWN						
TX0341		WITHDRAWN						
TX0342	9/28/2020	Webpage: Google Nest Help - Google Nest and Google Home device firmware versions ( <a href="https://support.google.com/googlenest/answer/7365257">https://support.google.com/googlenest/answer/7365257</a> ) (Ex. AO to Sonos's 3rd Amnd Complaint NDCA-7559) (Ex. AO to Sonos's Amended Answer to 2nd Amended Complaint NDCA-6754)		R				
TX0343	8/23/2020	Webpage: Express - Google Home upgrade brings some of the best Sonos features to your speakers ( <a href="https://www.express.co.uk/life-style/science-">https://www.express.co.uk/life-style/science-</a> ) (Ex. AP to Sonos's 3rd Amnd Complaint NDCA-7559) (Ex. AP to Sonos's Amended Answer to 2nd Amended Complaint NDCA-6754)		R, A, H				
TX0344	6/7/2013	Email from Nick Millington to John MacFarlane, et al. re congratulations on the launch today (Ex. AQ to Sonos's Amended Answer to 2nd Amended Complaint NDCA-6754)	SONOS-SVG2-00040220	R, H				
TX0345	12/6/2011	Email from Ron Kuper to Debajit Ghosh, et al. re Joni, meet Debajit (Ex. AR to Sonos's Amended Answer to 2nd Amended Complaint NDCA-6754)	SONOS-SVG2-00040234	R				
TX0346	6/28/2013	Email from Ted Kartzman to Hugo Barra, et al. re Next steps (Ex. AS to Sonos's Amended Answer to 2nd Amended Complaint NDCA-6754)	SONOS-SVG2-00040228	R				
TX0347	7/10/2013	Email from Ted Kartzman to Kristen Bender re Google/Sonos Meeting - Next Tuesday - Let's Catch Up Today (Ex. AT to Sonos's Amended Answer to 2nd Amended Complaint NDCA-6754)	SONOS-SVG2-00040230	R				
TX0348	6/20/2014	Email from Tad Coburn to Debajit Ghosh re SSDP discovery of Sonos Groups (Ex. AU to Sonos's Amended Answer to 2nd Amended Complaint NDCA-6754)	SONOS-SVG2-00040199	403, A, H, R, MIL				
TX0349	6/20/2014	SSDP Discovery of Sonos Groups, Attachment to SONOS-SVG2-00040199 (Ex. AV to Sonos's Amended Answer to 2nd Amended Complaint NDCA-6754)	SONOS-SVG2-00042466	403, A, H, R, MIL				
TX0350	8/28/2014	Email from Tad Coburn to Umesh Patil, et al. re SSDP discovery of Sonos Groups (Ex. AW to Sonos's Amended Answer to 2nd Amended Complaint NDCA-6754)	SONOS-SVG2-00040198	403, A, H, R, MIL				
TX0351	8/28/2014	SSDP Discovery of Sonos Groups, Attachment to SONOS-SVG2-00040198 (Ex. AX to Sonos's Amended Answer to 2nd Amended Complaint NDCA-6754)	SONOS-SVG2-00042462	403, A, H, R, MIL				
TX0352	9/2/2014	Email from Tad Coburn to Christopher Patnoe, et al. re Sonos Groups (Ex. AY to Sonos's Amended Answer to 2nd Amended Complaint NDCA-6754)	SONOS-SVG2-00040195	403, A, H, R, MIL				

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TX0353	9/2/2014	Explanation of Groups by Tad Coburn, Attachment to SONOS-SVG2-00040195 (Ex. AZ to Sonos's Amended Answer to 2nd Amended Complaint NDCA-6754)	SONOS-SVG2-00042454	403, A, H, R, MIL				
TX0354	9/2/2014	SSDP Discovery of Sonos Groups, Attachment to SONOS-SVG2-00040195 (Ex. BA to Sonos's Amended Answer to 2nd Amended Complaint NDCA-6754)	SONOS-SVG2-00042458	403, A, H, R, MIL				
TX0355	9/15/2014	Email from Tad Coburn to Christopher Patnoe, et al. re quick update on deliverables between Sonos and Google (Ex. BB to Sonos's Amended Answer to 2nd Amended Complaint NDCA-6754)	SONOS-SVG2-00040194	403, A, H, R, MIL				
TX0356	9/15/2014	SonosGroup_ssdptxt, Attachment to SONOS-SVG2-00040194 (Ex. BC to Sonos's Amended Answer to 2nd Amended Complaint NDCA-6754)	SONOS-SVG2-00042451	403, A, H, R, MIL				
TX0357	9/15/2014	Samplejsoncommandeventscapture.docx, Attachment to SONOS-SVG2-00040194 (Ex. BD to Sonos's Amended Answer to 2nd Amended Complaint NDCA-6754)	SONOS-SVG2-00042453	403, A, H, R, MIL				
TX0358	4/17/2014	Email from John MacFarlane to Patrick Spence, et al. re Sundar Pichai discussion (Ex. BE to Sonos's Amended Answer to 2nd Amended Complaint NDCA-6754)	SONOS-SVG2-00040219	403, A, H, R, MIL				
TX0359	8/5/2013	Email from Debajit Ghosh to Kristen Bender, et al. re incredible set up experience with Sonos (Ex. BF to Sonos's Amended Answer to 2nd Amended Complaint NDCA-6754)	SONOS-SVG2-00040227	403, R				
TX0360	11/18/2014	Email from Sherwin Liu to Mark Fielbig, et al. re Session Management Behavior - Invitation to edit (Ex. BG to Sonos's Amended Answer to 2nd Amended Complaint NDCA-6754)	SONOS-SVG2-00040238	403, A, H, R, MIL				
TX0361	11/18/2014	DRAFT - Continuous Volume Changes, Attachment to SONOS-SVG2-00040238 (Ex. BH to Sonos's Amended Answer to 2nd Amended Complaint NDCA-6754)	SONOS-SVG2-00042476	403, A, H, R, MIL				
TX0362	4/15/2015	Email from Tad Coburn to Umesh Patil, et al. re Header names and search target... (Ex. BI to Sonos's Amended Answer to 2nd Amended Complaint NDCA-6754)	SONOS-SVG2-00040236	403, A, H, R, MIL				
TX0363	4/15/2015	SSDP Discovery of Sonos Groups, Attachment to SONOS-SVG2-00040236 (Ex. BJ to Sonos's Amended Answer to 2nd Amended Complaint NDCA-6754)	SONOS-SVG2-00042471	403, A, H, R, MIL				
TX0364	2/24/2014	Email from Craig Wisneski to Andrew Schuler, et al. re Sonos, Google Cast (Ex. BK to Sonos's Amended Answer to 2nd Amended Complaint NDCA-6754)	SONOS-SVG2-00040226	403, A, H, R, MIL				
TX0365	3/14/2014	Email from Patrick Spence to Tom Cullen, et al. re Jamie called... (Ex. BL to Sonos's Amended Answer to 2nd Amended Complaint NDCA-6754)	SONOS-SVG2-00040224	403, A, H, R, MIL				
TX0366	N/A	Presentation: Sonos-Cast Introduction (Ex. BM to Sonos's Amended Answer to 2nd Amended Complaint NDCA-6754)	SONOS-SVG2-00040200	403, A, H, R, MIL				
TX0367		WITHDRAWN						
TX0368		WITHDRAWN						
TX0369		WITHDRAWN						
TX0370		WITHDRAWN						
TX0371		WITHDRAWN						
TX0372		WITHDRAWN						
TX0373		WITHDRAWN						
TX0374		WITHDRAWN						
TX0375		WITHDRAWN						
TX0376		WITHDRAWN						
TX0377		WITHDRAWN						
TX0378	6/29/2012	Webpage: The Verge - Google Nexus Q Review (Ex. CF to Sonos's Amended Answer to 2nd Amended Complaint NDCA-6754)		403, A, H, R				
TX0379	2/23/2012	Webpage: CNET - Google Music not living up to expectations (exclusive) (Ex. CG to Sonos's Amended Answer to 2nd Amended Complaint NDCA-6754)		403, A, H, R				
TX0380	3/30/2022	YouTube Music Help, System requirements & availability (Ex. CM to Sonos's 3rd Amnd Complaint NDCA-7559)		403, A, R				

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TX0381	N/A	Google Nest Help, Locate firmware version & settings (Ex. CN to Sonos's 3rd Amnd Complaint NDCA-7559)	SONOS-SVG2-00062706	403, A, R				
TX0382		WITHDRAWN						
TX0383		WITHDRAWN						
TX0384	N/A	Chromecast Help, Move media from one cast device to another (Ex. CQ to Sonos's 3rd Amnd Complaint NDCA-7559)	GOOG-SONOSWDTX-00005824	403, A, R				
TX0385	N/A	Google Cloud, Cloud locations (Ex. CR to Sonos's 3rd Amnd Complaint NDCA-7559)		403, A, R				
TX0386	3/30/2022	Google search, download the youtube music app (Ex. CS to Sonos's 3rd Amnd Complaint NDCA-7559)		403, A, R				
TX0387		WITHDRAWN						
TX0388	3/30/2022	Google Support, Devices & services country availability (Ex. CU to Sonos's 3rd Amnd Complaint NDCA-7559)		403, A, R				
TX0389	3/30/2022	Best Buy product search, Google (Ex. CV to Sonos's 3rd Amnd Complaint NDCA-7559)		403, A, H, R				
TX0390	3/11/2022	Email from Cole Richter to Nima Hefazi re Sonos III - Google Invalidity Contentions		403, INC, N, R				
TX0391	8/7/2021	Plaintiff's First Set of Fact Discovery Interrogatories to Defendants (WDTX-0881)		403, N, R				
TX0392		WITHDRAWN						
TX0393	11/30/2022	Google LLC's Supplemental Responsive Damages Contentions Pursuant to Patent Local Rule 3-9		403, N, R				
TX0394	2/11/2022	Email from Jocelyn Ma to Cole Richter, et al, re Sonos v. Google - Meet & Confer		403, N, R				
TX0395	8/9/2021	Email from Hannah Santasawatkup, Law Clerk to Judge Albright (WDTX) to counsel for the parties re preliminary constructions in advance of hearing		403, N, R				
TX0396	1/12/2017	Memorandum Opinion, Sonos v D&M Holding, 14-cv-01330-RGA	SONOS-SVG2-00018339	403, N, R				
TX0397	11/1/2017	Memorandum Opinion and Order, Sonos v D&M Holding, 14-cv-01330-RGA	SONOS-SVG2-00018370	403, N, R				
TX0398	4/12/2012	U.S. Patent App. Pub. 2012/0089910 (Cassidy)	SONOS-SVG2-00042982	403, MIL, R				
TX0399	9/10/2013	U.S. Patent No. 8,533,469 (Song)	SONOS-SVG2-00043153	403, MIL, R				
TX0400	2/21/2017	Response to the Non-Final Office Action Mailed October 20, 2016 (App. No. 14/563,515) (WDTX-0881, Dkt. 60-9)		403				
TX0401	4/16/2021	Email from Marc Kaplan to Cole Richter, et al. re Sonos v. Google - Meet and Confer (WDTX-0881, Dkt. 60-10)		403, N, R				
TX0402		Microsoft Computer Dictionary , Fifth Edition (2002)	SONOS-SVG2-00018479	403				
TX0403		The American Heritage, Guide to Contemporary Usage and Style (2005)	SONOS-SVG2-00018791	403				
TX0404		Packet Network Foundations	SONOS-SVG2-00018673	403				
TX0405		Google Dictionary online	SONOS-SVG2-00018837	403, A				
TX0406		The American Heritage Dictionary, Fifth Edition (2011)	SONOS-SVG2-00018270	403				
TX0407		Local & Metropolitan Area Networks, Sixth Edition, W. Stallings (200)	SONOS-SVG2-00018752	403				
TX0408		Computer Networks and Internets, Second Edition, D. Comer	SONOS-SVG2-00018301	403				
TX0409		U.S. Patent No. 7,523,096 (Badros) (WDTX-0881, Dkt 60-19)		403, MIL, R				
TX0410	3/3/2015	U.S. Patent No. 8,972,722 (Faaborg) (WDTX-0881, Dkt 60-20)		403, MIL, R				
TX0411	11/16/2017	U.S. Patent App. Pub. 2017/0328995 (Marshalkowski) (WDTX-0881, Dkt 60-21)		403, MIL, R				
TX0412		U.S. Patent No. 7,860,859 (Haugen) (WDTX-0881, Dkt 60-22)		403, MIL, R				
TX0413		Response to the Non-Final Office Action Mailed July 25, 2016 (App. No. 14/628,952) (WDTX-0881, Dkt 60-23)		403				
TX0414		Webpage: Wayback Machine, Microsoft Support, File types supported by Windows Media Player	SONOS-SVG2-00018746	403, A				
TX0415		Webpage: Compatible multimedia file formats	SONOS-SVG2-00018498	403, A				
TX0416		Multimedia Programming Interface and Data Specifications 1.0 (Aug. 1991)	SONOS-SVG2-00018500					
TX0417		WITHDRAWN						
TX0418		WITHDRAWN						
TX0419		WITHDRAWN						

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TRIAL EX.	DATE	DESCRIPTION	BATES BEGIN	GOOGLE'S OBJECTIONS	SONOS'S OBJECTIONS	DATE OFFERED	DATE ADMITTED	LIMITATIONS OF USE
TX0420		WITHDRAWN						
TX0421		WITHDRAWN						
TX0422		WITHDRAWN						
TX0423		WITHDRAWN						
TX0424		WITHDRAWN						
TX0425		WITHDRAWN						
TX0426		WITHDRAWN						
TX0427		WITHDRAWN						
TX0428		WITHDRAWN						
TX0429		WITHDRAWN						
TX0430		WITHDRAWN						
TX0431		WITHDRAWN						
TX0432		WITHDRAWN						
TX0433	8/4/2009	U.S. Patent No. 7,571,014 Lambourne	GOOG-SONOS-WDTX-INV-00004739	403, H				
TX0434	10/27/2020	Order No. 27, Initial Determination Granting Sonos's Motion for Summary Determination That the Importation Requirement Is Satisfied With Respect to Respondent Google and the Accused Products (ITC Inv. No. 337-TA-1191)		403, R, MIL, H, N				
TX0435	10/14/2019	Answer, Sonos, Inc. v. Lenbrook Industries Limited and Lenbrook America Corp., Case No. 2:19-CV-05411	SONOS-SVG2-00051077	403, R, MIL, H, N				
TX0436	6/20/2019	Complaint for Patent Infringement, <i>Sonos, Inc., v. Lenbrook Industries Limited, et al.</i> (CDCA), C.A. 2:19-cv-05411		403, R, MIL, H, N				
TX0437	2/14/2020	Lenbrook Industries Limited's First Answer to Complaint for Patent Infringement, <i>Sonos, Inc., v. Lenbrook Industries Limited, et al.</i> (CDCA), C.A. 2:19-cv-05411		403, R, MIL, H, N				
TX0438	7/30/2020	Order Granting Joint Stipulated Request For Dismissal with Prejudice, <i>Sonos, Inc., v. Lenbrook Industries Limited, et al.</i> (CDCA), C.A. 2:19-cv-05411		403, R, MIL, H, N				
TX0439	4/30/2015	Defendants' Answer to Plaintiff's Second Amended Complaint, <i>Sonos, Inc. v. D&amp;M Holdings Inc., et al.</i> , Case No. 14-1330 (RGA), April 30, 2015		403, R, MIL, H, N				
TX0440		Screenshots related to Dr. Almeroth's testing of Sonos's products		403, A, H, N, R, U				
TX0441		Screenshots related to Dr. Almeroth's testing of Google's products		403, A, H, N, R, U				
TX0442		Screenshots related to Dr. Almeroth's testing of IFTTT products		403, A, H, N, R, U				
TX0443		Photos related to Dr. Almeroth's testing of Sonos's products		403, A, H, N, R, U				
TX0444		Photos related to Dr. Almeroth's testing of Google's products		403, A, H, N, R, U				
TX0445		Photos related to Dr. Almeroth's testing of IFTTT products		403, A, H, N, R, U				
TX0446		Photos related to Dr. Almeroth's testing of Squeezebox system		403, A, H, N, R, U				
TX0447		WITHDRAWN						
TX0448		WITHDRAWN						
TX0449		Source code for SlimServer v5.3.1 (downloaded from <a href="https://downloads.slimdevices.com/SlimServer_v5.3.1/">https://downloads.slimdevices.com/SlimServer_v5.3.1/</a> )		BE, DU, INC				
TX0450		U.S. Pat. No. 8,290,603		403, A, H, N, R, U				
TX0451		File history for U.S. Pat. No. 9,141,645 -- May 31, 2013 Application		403, A, H, N, R, U				
TX0452		File history for U.S. Pat. No. 9,141,645 -- May 31, 2013 Preliminary Amendment		403, A, H, N, R, U				
TX0453		File history for U.S. Pat. No. 9,141,645 -- December 18, 2013 Non-Final Rejection		403, A, H, N, R, U				
TX0454		File history for U.S. Pat. No. 9,141,645 -- June 5, 2014 Final Rejection		403, A, H, N, R, U				
TX0455		Physical devices from Dr. Almeroth's and/or Dr. Schmidt's test systems: Google Nest Hub player						
TX0456		Physical devices from Dr. Almeroth's and/or Dr. Schmidt's test systems: Google Home Mini player						
TX0457		Physical devices from Dr. Almeroth's and/or Dr. Schmidt's test systems: Google Nest Audio player						
TX0458		Physical devices from Dr. Almeroth's and/or Dr. Schmidt's test systems: Google Home player						

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TX0459		Physical devices from Dr. Almeroth's and/or Dr. Schmidt's test systems: Google Home Max player						
TX0460		Physical devices from Dr. Almeroth's and/or Dr. Schmidt's test systems: Google Nest Hub Max player						
TX0461		Physical devices from Dr. Almeroth's and/or Dr. Schmidt's test systems: Google Chromecast						
TX0462		Physical devices from Dr. Almeroth's and/or Dr. Schmidt's test systems: Google Chromecast with Google TV						
TX0463		Physical devices from Dr. Almeroth's test system: Google Pixel 4XL phone						
TX0464		Physical devices from Dr. Almeroth's and/or Dr. Schmidt's test systems: Google Pixel 7 phone						
TX0465		Physical devices from Dr. Almeroth's and/or Dr. Schmidt's test systems: Google Pixelbook laptop						
TX0466		Physical devices from Dr. Almeroth's test system: Apple iPhone 12 Pro phone						
TX0467		Physical devices from Dr. Almeroth's test system: Sonos Play:5						
TX0468		Physical devices from Dr. Almeroth's test system: Sonos Play:1						
TX0469		Physical devices from Dr. Almeroth's test system: Sonos Move						
TX0470		WITHDRAWN						
TX0471		Source code review laptop made available by Google in this action		BE, DU, INC				
TX1001		WITHDRAWN						
TX1002		WITHDRAWN						
TX1003		WITHDRAWN						
TX1004		WITHDRAWN						
TX1005		WITHDRAWN						
TX1008		WITHDRAWN						
TX1009		WITHDRAWN						
TX1010		WITHDRAWN						
TX1011		WITHDRAWN						
TX1012		WITHDRAWN						
TX1013		WITHDRAWN						
TX1014		WITHDRAWN						
TX1015		WITHDRAWN						
TX1016		WITHDRAWN						
TX1017		WITHDRAWN						
TX1018		WITHDRAWN						
TX1019		WITHDRAWN						
TX1020		WITHDRAWN						
TX1022		WITHDRAWN						
TX1026		WITHDRAWN						
TX1027		WITHDRAWN						
TX1028		WITHDRAWN						
TX1029		WITHDRAWN						
TX1030		WITHDRAWN						
TX1033		WITHDRAWN						
TX1034		WITHDRAWN						
TX1035		WITHDRAWN						
TX1036		WITHDRAWN						
TX1037		WITHDRAWN						
TX1038		WITHDRAWN						
TX1041		WITHDRAWN						
TX1042		WITHDRAWN						
TX1043		WITHDRAWN						
TX1044		WITHDRAWN						
TX1044a		WITHDRAWN						
TX1044b		WITHDRAWN						
TX1045		WITHDRAWN						
TX1046		WITHDRAWN						



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TX1050		WITHDRAWN						
TX1051		WITHDRAWN						
TX1052		WITHDRAWN						
TX1053		WITHDRAWN						
TX1054	6/9/2014	Email from T. Coburn - Subject: next steps - Depo Ex. Corbin 1054	SONOS-SVG2-00068912		403; H; R; PK			
TX1055		WITHDRAWN						
TX1056		WITHDRAWN						
TX1057		WITHDRAWN						
TX1058		WITHDRAWN						
TX1059		WITHDRAWN						
TX1060		WITHDRAWN						
TX1061		WITHDRAWN						
TX1062		WITHDRAWN						
TX1063	N/A	Keith Goals (DRAFT) - Depo Ex. Corbin 1063	SONOS-SVG2-00100671		403; H; R; PK; A			
TX1064		WITHDRAWN						
TX1065		WITHDRAWN						
TX1066		WITHDRAWN						
TX1068		WITHDRAWN						
TX1070	3/22/2022	Sonos, Inc.'s Responses and Objections to Google LLC's Fed. R. Civ. P. 30(b)(6) Notice of Deposition to Sonos, Inc. - Depo Ex. Lambourne 1070	N/A		403; H; N; R			
TX1072	11/5/2019	U.S. Patent No. 10,469,966 - Depo Ex. Almeroth 02; Lambourne 1072; Millington 1088; Kennedy 1228; Butts 1248	N/A		403; H; N; R			
TX1074	8/4/2009	U.S. Patent No. 7,571,014   Prior Art: Lambourne - Depo Ex. Lambourne 1074	N/A		403; U; H; PK			
TX1075	4/22/2014	Canadian Patent No. 2 533 852   Prior Art: Millington - Depo Ex. Lambourne 1075	N/A		403; U; H; PK			
TX1076	N/A	Yamaha MusicCAST Digital Audio Server MCX-1000 Owner's Manual - Depo Ex. Lambourne 1076	SONOS-SVG2-00032312		403; H; R; PK; INC; BE; R			
TX1077	0/0/2004	Sonos Digital Music System User Guide - Depo Ex. Lambourne 1077; Millington 1077; Lambourne 1078; Millington 1078	N/A		403; H; R; PK; A			
TX1079	6/21/2022	Take a Look at Sonos' Upcoming iPad Music App (Sneak Peek) - Depo Ex. Millington 1079	GOOG-SONOSNDCA-00116267		403; H; R; PK; A			
TX1080a	0/0/2004	Sonos ZonePlayer S5 Product Guide - Depo Ex. Millington 1080	GOOG-SONOS-WDTX-INV-00002846		403; H; R; PK; A			
TX1080b		WITHDRAWN						
TX1081a	0/0/2004	Sonos Controller for Mac or PC Product Guide - Depo Ex. Millington 1081	N/A		403; U; H; PK			
TX1081b	7/9/2003	Email from R. Lambourne - Subject: scenarios (and attachment) - Depo Ex. Lambourne 1081	SONOS-SVG2-00032575		403; H; R; PK			
TX1082	1/2/2022	Handheld UI Specification, General Principles, Version 001, R. Lambourne - Depo Ex. Lambourne 1082	SONOS-SVG2-00032475		403; H; R; PK			
TX1083	2/26/2003	PC UI Specification, PC application, Version 010, R. Lambourne - Depo Ex. Lambourne 1083	SONOS-SVG2-00033494		403; H; R; PK			
TX1089	2/4/2022	Sonos's Second Supp O&Rs to Google's First Set of ROG's [1-20] - Depo Ex. Millington 1089; Lambourne 1100	N/A		403; H; N; R			
TX1097		WITHDRAWN						
TX1098		WITHDRAWN						
TX1099		WITHDRAWN						
TX1107a	5/7/2015	Email from S. Gedikian - Subject: Re: Thank you (and attachment) - Depo Ex. Millington 1107a	SONOS-SVG2-00151960		403; H; R; PK			
TX1107b		WITHDRAWN						
TX1112		WITHDRAWN						
TX1114		WITHDRAWN						
TX1115	1/14/2015	Email from T. Coburn - Subject: RE: Updated Technical Slides (WP) (and attachments) - Depo Ex. Coburn 1115; Kendall 1158	SONOS-SVG2-00071408		403; H; R; PK			
TX1116		WITHDRAWN						
TX1117		WITHDRAWN						
TX1118		WITHDRAWN						
TX1119		WITHDRAWN						

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TX1120	12/5/2013	Email from T. Coburn - Subject: RE: <a href="http://betafeedback.sonos.com/bugs/show_bug.cgi?id=2808">http://betafeedback.sonos.com/bugs/show_bug.cgi?id=2808</a> (and attachment) - Depo Ex. Coburn 1120	GOOG-SONOSWDTX-00053828		403; H; R; PK			
TX1121		WITHDRAWN						
TX1122		WITHDRAWN						
TX1123		WITHDRAWN						
TX1124		WITHDRAWN						
TX1125		WITHDRAWN						
TX1126		WITHDRAWN						
TX1127		WITHDRAWN						
TX1128		WITHDRAWN						
TX1129	6/24/2014	Email from T. Coburn - Subject: RE: update: SW rest of year planning - Depo Ex. Coburn 1129	SONOS-SVG2-00072471		403; H; R; PK			
TX1130		WITHDRAWN						
TX1131		WITHDRAWN						
TX1132		WITHDRAWN						
TX1133		WITHDRAWN						
TX1134		WITHDRAWN						
TX1135		WITHDRAWN						
TX1136		WITHDRAWN						
TX1138	5/8/2018	U.S. Patent No. 9,967,615 - Depo Ex. Coburn 1138; Hoadley 21; Armstrong 1218; Kennedy 1226; Butts 1246; Schmidt 2	N/A		403; U; H; PK; MIL			
TX1139	9/15/2020	U.S. Patent No. 10,779,033 - Depo Ex. Coburn 1139; Hoadley 22; Kennedy 1227; Butts 1247; Schmidt 4; Schmidt 3	N/A		403; U; H; PK; MIL			
TX1140	N/A	Sonos Multi-Room Music Platform - Depo Ex. Coburn 1140	SONOS-SVG2-00027229		403; H; R; PK			
TX1141	N/A	Spotify Future Wireframes - Depo Ex. Coburn 1141	SONOS-SVG2-00027087		403; H; R; PK			
TX1142		WITHDRAWN						
TX1143		WITHDRAWN						
TX1144	N/A	U.S. Patent Application No. 62/007,906 - Depo Ex. Coburn 1144; Armstrong 1223	N/A		403; U; H; PK			
TX1145	7/15/2011	Email from T. Coburn - Subject: RE: Play To Sonos (and attachment) - Depo Ex. Coburn 1145	SONOS-SVG2-00027224		403; H; R; PK			
TX1148		WITHDRAWN						
TX1149		WITHDRAWN						
TX1150		WITHDRAWN						
TX1151		WITHDRAWN						
TX1152		WITHDRAWN						
TX1153		WITHDRAWN						
TX1155		WITHDRAWN						
TX1157		WITHDRAWN						
TX1159		WITHDRAWN						
TX1160		WITHDRAWN						
TX1161		WITHDRAWN						
TX1162		WITHDRAWN						
TX1163		WITHDRAWN						
TX1164		WITHDRAWN						
TX1165		WITHDRAWN						
TX1166		WITHDRAWN						
TX1167		WITHDRAWN						
TX1168		WITHDRAWN						
TX1169		WITHDRAWN						
TX1170		WITHDRAWN						
TX1171		WITHDRAWN						
TX1172		WITHDRAWN						
TX1173		WITHDRAWN						
TX1174		WITHDRAWN						
TX1175		WITHDRAWN						
TX1176		WITHDRAWN						
TX1182		WITHDRAWN						

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TX1183		WITHDRAWN						
TX1184		WITHDRAWN						
TX1185		WITHDRAWN						
TX1186		WITHDRAWN						
TX1188		WITHDRAWN						
TX1189		WITHDRAWN						
TX1190		WITHDRAWN						
TX1191	N/A	Spreadsheet Printout - Depo Ex. Malackowski 1191	N/A		403; U; H; R; PK			
TX1193	7/0/2018	Sonos Annual Brand Tempo Report: July 2018 Executive Summary - Depo Ex. Malackowski 1193	SONOS-SVG2-00054685		403; H; R; PK			
TX1194		WITHDRAWN						
TX1195	N/A	IFTTT: Sonos Integrations - Depo Ex. Malackowski 1195	N/A		403; U; H; PK			
TX1196	N/A	IFTTT: What is IFTTT? - Depo Ex. Malackowski 1196	N/A		403; U; H; PK			
TX1197	N/A	The Smart Audio Report - Depo Ex. Malackowski 1197; Malackowski 18	N/A		403; U; H; PK			
TX1198		WITHDRAWN						
TX1220		WITHDRAWN						
TX1221		WITHDRAWN						
TX1222		WITHDRAWN						
TX1225	N/A	Excerpt from U.S. Patent Application No. 62/007,906 - Depo Ex. Kennedy 1225	N/A		403; U; H; PK; MIL			
TX1230	4/6/2022	Response to Non-Final Office Action (17/145,268) - Depo Ex. Kennedy 1230	N/A		403; U; H; PK			
TX1231	6/19/2012	U.S. Patent No. 8,204,890 - Depo Ex. Kennedy 1231	N/A		403; U; H; PK; MIL			
TX1233	4/4/2022	Lee Sullivan Shea & Smith LLP's Objections and Responses to Google LLC's Notice of Deposition - Depo Ex. Kennedy 1233	N/A		403; H; N; R			
TX1235	3/15/2022	Lee Sullivan Shea & Smith LLP's Objections and Responses to Google LLC's Notice of Deposition - Depo Ex. Kennedy 1235	N/A		403; H; N; R			
TX1236	N/A	Excerpt from U.S. Patent Application No. 16/389,906 - Depo Ex. Kennedy 1236	SONOS-SVG2-00004148		H; PK; R; INC; MIL			
TX1237	N/A	Claims - Depo Ex. Kennedy 1237	SONOS-SVG2-00004203		H; PK; R; INC			
TX1238	N/A	Excerpt from U.S. Patent Application No. 16/389,906 - Depo Ex. Kennedy 1238; Butts 1250	SONOS-SVG2-00002126		H; R; PK; MIL			
TX1239	N/A	Excerpt from U.S. Patent Application No. 16/389,906 - Depo Ex. Kennedy 1239	SONOS-SVG2-00001268		H; R; PK; MIL			
TX1240		WITHDRAWN						
TX1241	8/23/2019	Response to Non-Final Office Action (16/383,561) - Depo Ex. Kennedy 1241; Butts 1253	SONOS-SVG2-00015363		H; R; PK			
TX1242	N/A	Excerpt from U.S. Patent Application No. 16/389,561 - Depo Ex. Kennedy 1242	SONOS-SVG2-00015400		H; R; PK			
TX1243	N/A	Excerpt from U.S. Patent Application No. 16/389,565 - Depo Ex. Kennedy 1243	SONOS-SVG2-00006577		H; R; PK			
TX1251	11/1/2019	Response to Final Office Action (16/389,906) - Depo Ex. Butts 1251	SONOS-SVG2-00001898		H; R; PK; MIL			
TX1254		WITHDRAWN						
TX2000		WITHDRAWN						
TX2001		WITHDRAWN						
TX2002	N/A	Sonos Source Code	SC-SONOS-SVG2-000001-601		H; R; PK; MSJ; MIL			
TX2003		WITHDRAWN						
TX2004	N/A	Slimserver Source Code version 5.3.1	N/A		403; U; H; PK			
TX2005	N/A	Slimserver Source Code version 6.2.1	N/A		403; U; H; PK			
TX2006	N/A	Prior Art: Bose   Bose FreeSpace	N/A		403; U; H; R; PK			
TX2007	N/A	Prior Art: Bose   Bose LifeStyle	N/A		403; U; H; R; PK			
TX2008		WITHDRAWN						
TX2009		WITHDRAWN						
TX2010		WITHDRAWN						
TX2011		WITHDRAWN						
TX2012		WITHDRAWN						
TX2013		WITHDRAWN						
TX2014		WITHDRAWN						

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TRIAL EX.	DATE	DESCRIPTION	BATES BEGIN	GOOGLE'S OBJECTIONS	SONOS'S OBJECTIONS	DATE OFFERED	DATE ADMITTED	LIMITATIONS OF USE
TX2015		WITHDRAWN						
TX2016		WITHDRAWN						
TX2017		WITHDRAWN						
TX2018		Index of /   Logitech Media Server, SLiMP3, Slimserver, SqueezeCenter, SqueezeboxServer, etc.	LOGITECH_000001		403; H; A; PK; R			
TX2019		Slim Devices   Wikipedia	LOGITECH_000004		403; H; A; PK; R			
TX2020	5/29/2002	SliMP3 Server, Latest Version of SliMP3 Server	LOGITECH_000006		403; H; A; PK; R			
TX2021	N/A	Form: Squeezebox Radio	LOGITECH_000008		403; H; A; PK; R			
TX2022	N/A	Squeezebox Wiki	LOGITECH_000011		403; H; A; PK; R			
TX2023	N/A	SliMP3 Network MP3 Player	LOGITECH_000014		403; H; A; PK; R			
TX2024		WITHDRAWN						
TX2025		WITHDRAWN						
TX2026		WITHDRAWN						
TX2027		WITHDRAWN						
TX2028		WITHDRAWN						
TX2029		WITHDRAWN						
TX2030		WITHDRAWN						
TX2031		WITHDRAWN						
TX2032		WITHDRAWN						
TX2033		WITHDRAWN						
TX2034		WITHDRAWN						
TX2035		WITHDRAWN						
TX2036		WITHDRAWN						
TX2037		WITHDRAWN						
TX2038		WITHDRAWN						
TX2039		WITHDRAWN						
TX2040		WITHDRAWN						
TX2041		WITHDRAWN						
TX2042		WITHDRAWN						
TX2043		WITHDRAWN						
TX2044		WITHDRAWN						
TX2045		WITHDRAWN						
TX2046		WITHDRAWN						
TX2047		WITHDRAWN						
TX2048		WITHDRAWN						
TX2049		WITHDRAWN						
TX2050		WITHDRAWN						
TX2051		WITHDRAWN						
TX2052		WITHDRAWN						
TX2053	6/0/2019	Speaker Conjoint Results	GOOG-SONOSNDCA-0005674		403; H; A; PK; R			
TX2054		WITHDRAWN						
TX2055		WITHDRAWN						
TX2056		WITHDRAWN						
TX2057		WITHDRAWN						
TX2058		WITHDRAWN						
TX2059		WITHDRAWN						
TX2060		WITHDRAWN						
TX2061		WITHDRAWN						
TX2062	N/A	Native Spreadsheet	GOOG-SONOSNDCA-00056723		403; H; A; PK; R			
TX2063	7/12/2010	HTTP API	GOOG-SONOSNDCA-00056724		403; H; A; PK; R			
TX2064	6/6/2014	Email from T. Shekel - Subject: Re: [Google-Sony] Draft for discussion	GOOG-SONOSNDCA-00056727		403; H; A; PK; R			
TX2065		WITHDRAWN						
TX2066	N/A	Prior Art: Squeezebox   SLiM Devices' SliMP3 and Squeezebox Players and corresponding SoftSqueeze and SlimServer Software	GOOG-SONOSNDCA-00056778		H; PK; R			
TX2067	N/A	Prior Art: Squeezebox   SLiM Devices' SliMP3 and Squeezebox Players and corresponding SoftSqueeze and SlimServer Software	GOOG-SONOSNDCA-00056780		H; PK; R			
TX2068	N/A	Prior Art: Squeezebox   SLiM Devices' SliMP3 and Squeezebox Players and corresponding SoftSqueeze and SlimServer Software	GOOG-SONOSNDCA-00056782		H; PK; R			
TX2069	N/A	Prior Art: Sonos System   The Sonos Digital Music System	GOOG-SONOSNDCA-00056791		H; PK; R			

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TX2070	N/A	Prior Art: Sonos System   The Sonos Digital Music System	GOOG-SONOSNDCA-00056793		H; PK; R			
TX2071	N/A	Prior Art: Sonos System   The Sonos Digital Music System	GOOG-SONOSNDCA-00056795		H; PK; R			
TX2072	N/A	Prior Art: Sonos System   The Sonos Digital Music System	GOOG-SONOSNDCA-00056797		H; PK; R			
TX2073	N/A	Prior Art: Sonos System   The Sonos Digital Music System	GOOG-SONOSNDCA-00056799		H; PK; R			
TX2074	N/A	Prior Art: Sonos System   The Sonos Digital Music System	GOOG-SONOSNDCA-00056801		H; PK; R			
TX2075	N/A	Redically helpful things Made by Google	GOOG-SONOSNDCA-00056973		403; H; A; PK; R			
TX2076	N/A	Google Store   Device Availability	GOOG-SONOSNDCA-00057035		403; H; A; PK; R			
TX2077	N/A	Biggie Device	GOOG-SONOSNDCA-00058536		403; H; A; PK; R			
TX2078		WITHDRAWN						
TX2079		WITHDRAWN						
TX2080		WITHDRAWN						
TX2081		WITHDRAWN						
TX2082		WITHDRAWN						
TX2083		WITHDRAWN						
TX2084	0/0/2017	Google Play Music   2017 Strategy & Roadmap Highlights	GOOG-SONOSNDCA-00070581		403; H; A; PK; R			
TX2085		WITHDRAWN						
TX2086		WITHDRAWN						
TX2087		WITHDRAWN						
TX2088		WITHDRAWN						
TX2089		WITHDRAWN						
TX2090		WITHDRAWN						
TX2091		WITHDRAWN						
TX2092		WITHDRAWN						
TX2093		WITHDRAWN						
TX2094		WITHDRAWN						
TX2095		WITHDRAWN						
TX2096		WITHDRAWN						
TX2097		WITHDRAWN						
TX2098		WITHDRAWN						
TX2099		WITHDRAWN						
TX2100		WITHDRAWN						
TX2101		WITHDRAWN						
TX2102		WITHDRAWN						
TX2103		WITHDRAWN						
TX2104		WITHDRAWN						
TX2105	4/22/2022	Affidavit of Nathaniel E. Frank-White of Internet Archive	GOOG-SONOS-NDCA-00108084		403; H; A; PK; R			
TX2106		WITHDRAWN						
TX2107		WITHDRAWN						
TX2108		WITHDRAWN						
TX2109		WITHDRAWN						
TX2110		WITHDRAWN						
TX2111		WITHDRAWN						
TX2112	N/A	Email from R. Chandra - Subject: Re: GM Review: Nets EOS/EOL Strategy & Planning	GOOG-SONOSNDCA-00116430		403; H; A; PK; R			
TX2113	N/A	Squeezebox – logs	GOOG-SONOSNDCA-00117089		403; H; A; PK; R			
TX2114	N/A	Squeezebox – Music	GOOG-SONOSNDCA-00117090		403; H; A; PK; R			
TX2115	N/A	Squeezebox – PCAP	GOOG-SONOSNDCA-00117091		403; H; A; PK; R			
TX2116		Garage pic 1	GOOG-SONOSNDCA-00117092		H; PK; R			
TX2117		Garage pic 1	GOOG-SONOSNDCA-00117093		H; PK; R			
TX2118	N/A	Squeezebox – Preferences	GOOG-SONOSNDCA-00117094		403; H; A; PK; R			
TX2119	N/A	Squeezebox - VMs	GOOG-SONOSNDCA-00117095		403; H; A; PK; R			
TX2120		WITHDRAWN						
TX2121	N/A	Even More ways to watch your favorite movies & TV shows on Google Play	GOOG-SONOSWDTX-00005382		A; H; R			
TX2122	N/A	Cast Debug Logger	GOOG-SONOSWDTX-00006678		A; H			
TX2123	N/A	Chrome Remote Debugger	GOOG-SONOSWDTX-00006693		A; H; R			
TX2124	N/A	Set up your Google Nest or Home speaker or display	GOOG-SONOSWDTX-00007600		403; H; A; PK; R			
TX2125	N/A	Set up your Pixelbook	GOOG-SONOSWDTX-00016881		403; H; A; PK; R			
TX2126	N/A	Set up your Pixelbook Go	GOOG-SONOSWDTX-00016885		403; H; A; PK; R			

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TX2127	N/A	Set up your Pixel phone	GOOG-SONOSWDTX-00019386		403; H; A; PK; R			
TX2128	N/A	Set up your Pixel Slate	GOOG-SONOSWDTX-00021248		403; H; A; PK; R			
TX2129	N/A	Feedback RE Sender/Recevier websocket protocol	GOOG-SONOSWDTX-00037004		403; H; A; PK; R			
TX2130		WITHDRAWN						
TX2131		WITHDRAWN						
TX2132		WITHDRAWN						
TX2133		WITHDRAWN						
TX2134		WITHDRAWN						
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TX2136		WITHDRAWN						
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TX2139		WITHDRAWN						
TX2140		WITHDRAWN						
TX2141		WITHDRAWN						
TX2142		WITHDRAWN						
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TX2144		WITHDRAWN						
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TX2156		WITHDRAWN						
TX2157		WITHDRAWN						
TX2158		WITHDRAWN						
TX2159		WITHDRAWN						
TX2160		WITHDRAWN						
TX2161		WITHDRAWN						
TX2162		WITHDRAWN						
TX2163		WITHDRAWN						
TX2164		WITHDRAWN						
TX2165		WITHDRAWN						
TX2166		WITHDRAWN						
TX2167		WITHDRAWN						
TX2168		WITHDRAWN						
TX2169		WITHDRAWN						
TX2170		WITHDRAWN						
TX2171		WITHDRAWN						
TX2172		WITHDRAWN						
TX2173		WITHDRAWN						
TX2174		WITHDRAWN						
TX2175		WITHDRAWN						
TX2176		WITHDRAWN						
TX2177		WITHDRAWN						
TX2178		WITHDRAWN						
TX2179		WITHDRAWN						
TX2180		WITHDRAWN						
TX2181		WITHDRAWN						
TX2182		WITHDRAWN						
TX2183		WITHDRAWN						
TX2184		WITHDRAWN						
TX2185		WITHDRAWN						

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TX2186		WITHDRAWN						
TX2187		WITHDRAWN						
TX2188		WITHDRAWN						
TX2189		WITHDRAWN						
TX2190		WITHDRAWN						
TX2191		WITHDRAWN						
TX2192		WITHDRAWN						
TX2193		WITHDRAWN						
TX2194		WITHDRAWN						
TX2195		WITHDRAWN						
TX2196		WITHDRAWN						
TX2197		WITHDRAWN						
TX2198		WITHDRAWN						
TX2199		WITHDRAWN						
TX2200		WITHDRAWN						
TX2201		WITHDRAWN						
TX2202		WITHDRAWN						
TX2203		WITHDRAWN						
TX2204		WITHDRAWN						
TX2205		WITHDRAWN						
TX2206		WITHDRAWN						
TX2207		WITHDRAWN						
TX2208		WITHDRAWN						
TX2209		WITHDRAWN						
TX2210		WITHDRAWN						
TX2211		WITHDRAWN						
TX2212		WITHDRAWN						
TX2213		WITHDRAWN						
TX2214		WITHDRAWN						
TX2215		WITHDRAWN						
TX2216		WITHDRAWN						
TX2217	1/8/2016	Groups on Demand	GOOG-SONOSWDTX-00048868		403; H; A; PK; R			
TX2218	N/A	Multi-room receiver PRD	GOOG-SONOSWDTX-00048937		403; H; A; PK; R			
TX2219		WITHDRAWN						
TX2220		WITHDRAWN						
TX2221	N/A	JSON Structure	GOOG-SONOSWDTX-00050422		403; H; A; PK; R			
TX2222	N/A	GPM/Sonos WebSockets Integration Issues/Bugs	GOOG-SONOSWDTX-00050985		403; H; A; PK; R			
TX2223		WITHDRAWN						
TX2224	2/15/2018	Multizone: Audio Stream Expansion Platform Protocols	GOOG-SONOSWDTX-00051043		403; H; A; PK; R			
TX2225		WITHDRAWN						
TX2226		WITHDRAWN						
TX2227		WITHDRAWN						
TX2228		WITHDRAWN						
TX2229		WITHDRAWN						
TX2230		WITHDRAWN						
TX2231		WITHDRAWN						
TX2232		WITHDRAWN						
TX2233		WITHDRAWN						
TX2234		WITHDRAWN						
TX2235		WITHDRAWN						
TX2236		WITHDRAWN						
TX2237		WITHDRAWN						
TX2238		WITHDRAWN						
TX2239		WITHDRAWN						
TX2240		WITHDRAWN						
TX2241		WITHDRAWN						
TX2242		WITHDRAWN						
TX2243		WITHDRAWN						
TX2244		WITHDRAWN						

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TX2245		WITHDRAWN						
TX2246		WITHDRAWN						
TX2247		WITHDRAWN						
TX2248		WITHDRAWN						
TX2249		WITHDRAWN						
TX2250		WITHDRAWN						
TX2251		WITHDRAWN						
TX2252		WITHDRAWN						
TX2253		WITHDRAWN						
TX2254		WITHDRAWN						
TX2255		WITHDRAWN						
TX2256		WITHDRAWN						
TX2257		WITHDRAWN						
TX2258		WITHDRAWN						
TX2259		WITHDRAWN						
TX2260		WITHDRAWN						
TX2261		WITHDRAWN						
TX2262		WITHDRAWN						
TX2263	11/23/2018	The Hidden Secrets of Apple's AirPlay	GOOG-SONOS-WDTX-INV-00000569		403; H; A; PK; R			
TX2264	11/9/2010	Control YouTube on the desktop, or the TV...	GOOG-SONOS-WDTX-INV-00001328		403; H; A; PK; R			
TX2265		WITHDRAWN						
TX2266		WITHDRAWN						
TX2267	N/A	U.S. Patent No. 10,779,033 File History (16/389,906)	SONOS-SVG2-00001167		H; PK; R; MIL			
TX2268		WITHDRAWN						
TX2269	N/A	U.S. Patent Application No. 14/628,952 (excerpts)	SONOS-SVG2-00005288		H; PK; R; INC; MIL			
TX2270	7/20/2011	Email from R. Lambourne - Subject: RE: Internal: Play to Sonos	SONOS-SVG2-00026278		403; H; PK; R			
TX2271		WITHDRAWN						
TX2272		WITHDRAWN						
TX2273		WITHDRAWN						
TX2274	7/28/2011	Email from A. Schultert - Subject: RE: initial thoughts and 'questions' for software strategy	SONOS-SVG2-00026981		403; H; PK; R			
TX2275		WITHDRAWN						
TX2276		WITHDRAWN						
TX2277		WITHDRAWN						
TX2278		WITHDRAWN						
TX2279	12/18/2020	Corrected Direct Witness Statement of Kevin C. Almeroth (USITC Case No. 337-TA-1191)	SONOS-SVG2-00027981		403; H; PK; R			
TX2280	12/18/2020	Corrected Direct Witness Statement of Jon B. Weissman (USITC Case No. 337-TA-1191)	SONOS-SVG2-00028893		403; H; PK; R			
TX2281	10/0/2003	User Evaluation   "Friends of Rincon Test"	SONOS-SVG2-00032294		403; H; PK; R			
TX2282		WITHDRAWN						
TX2283	10/2/2020	Deposition of Robert Lambourne (USITC Case No. 337-TA-1191)	SONOS-SVG2-00034518		H; PK; R			
TX2284		WITHDRAWN						
TX2285		WITHDRAWN						
TX2286	N/A	Sonos's Claim Chart for U.S. Patent No. 9,967,615	SONOS-SVG2-00041120		403; H; PK; R; N; MIL			
TX2287		WITHDRAWN						
TX2288		WITHDRAWN						
TX2289		WITHDRAWN						
TX2290		WITHDRAWN						
TX2291		WITHDRAWN						
TX2292		WITHDRAWN						
TX2293	12/14/2017	Intro to Sonos Innovation	SONOS-SVG2-00041866		403; H; PK; R			
TX2294		WITHDRAWN						
TX2295	7/11/2003	Rincon Networks, Marketing Requirements Document (MRD), Platform, Version: 0.5	SONOS-SVG2-00042661		403; A; H; R			
TX2296		WITHDRAWN						
TX2297		WITHDRAWN						
TX2298		WITHDRAWN						
TX2299		WITHDRAWN						



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TX2300		WITHDRAWN						
TX2301		WITHDRAWN						
TX2302	3/9/2021	Sonos Investor Event slides	SONOS-SVG2-00055769		H; R			
TX2303	7/6/2018	Form S-1 - Sonos, Inc.	SONOS-SVG2-00055843		H; R			
TX2304		WITHDRAWN						
TX2305	N/A	Native Spreadsheet   Denon Payment Schedule	SONOS-SVG2-00059405		403; H; R			
TX2306		WITHDRAWN						
TX2307		WITHDRAWN						
TX2308		WITHDRAWN						
TX2309	12/5/2012	Email from T. Coburn - Subject: Sonos in the News - Initial 3.8.3 coverage	SONOS-SVG2-00074677		403; H; R			
TX2310		WITHDRAWN						
TX2311		WITHDRAWN						
TX2312		WITHDRAWN						
TX2313	10/3/2020	Form 10-K for the fiscal year ended October 3, 2020 - Sonos, Inc.	SONOS-SVG2-00226112		403; H; R; PK			
TX2314		WITHDRAWN						
TX2315		WITHDRAWN						
TX2316		WITHDRAWN						
TX2317	4/8/2022	Google's Responses to Sonos First Set of RFAs [1-12]	N/A		403; H; N; R			
TX2318	9/7/2021	Google's O&Rs to Sono's First Set of Fact Discovery RFPs [1-55]	N/A		403; H; N; R			
TX2319	2/28/2022	Google's O&Rs to Sonos's Second Set of RFPs [56-97]	N/A		403; H; N; R			
TX2320	3/16/2022	Google's O&Rs to Sonos's Third Set of RFPs [98-114]	N/A		403; H; N; R			
TX2321	4/30/2021	Sonos' O&Rs to Google's First Set of RFPs Re Claim Construction [1-7]	N/A		403; H; N; R			
TX2322	3/1/2021	Sonos' O&Rs to Google's First Set of RFPs RE Venue [1-2]	N/A		403; H; N; R			
TX2323	5/17/2021	Sonos' O&Rs to Google's Second Set of RFPs to Sonos Re Venue [3-5]	N/A		403; H; N; R			
TX2324	2/28/2022	Sonos's O&Rs to Google's 3rd RFPs [90-117]	N/A		403; H; N; R			
TX2325	7/11/2022	Sonos's O&Rs to Google's Fifth Set of RFPs [125-128]	N/A		403; H; N; R			
TX2326	9/8/2021	Sonos's O&Rs to Google's First Set of RFPs [1-42]	N/A		403; H; N; R			
TX2327	12/27/2021	Sonos's O&Rs to Google's Second Set of RFPs [43-89]	N/A		403; H; N; R			
TX2328	4/1/2022	Sonos's R&Os to Google's Fourth Set of RFPs [118-124]	N/A		403; H; N; R			
TX2329	4/5/2022	Google's Fourth Suppl O&Rs to Sonos's First Set of ROGs [5, 9, 17]	N/A		403; H; N; R			
TX2330	5/2/2022	Google's O&Rs to Sonos's Second Set of ROGs [21]	N/A		403; H; N; R			
TX2331	9/7/2021	Google's Obs&Resps to Sono's First Set of Fact Discovery ROGs [1-20]	N/A		403; H; N; R			
TX2332	1/28/2022	Google's Second Suppl O&Rs to Sonos's First Set of ROGs [5]	N/A		403; H; N; R			
TX2333	8/19/2022	Google's Seventh Suppl O&Rs to Sonos's First Set of ROGs [9]	N/A		403; H; N; R			
TX2334	4/29/2022	Google's Sixth Suppl O&Rs to Sonos's First Set of ROGs [9]	N/A		403; H; N; R			
TX2335	12/23/2021	Google's Suppl O&Rs to Sonos' First Set of ROGs [1-5,7-9,14-15]	N/A		403; H; N; R			
TX2336	2/4/2022	Google's Third Suppl O&Rs to Sonos's First Set of Rogs [13-15]	N/A		403; H; N; R			
TX2337		WITHDRAWN						
TX2338		WITHDRAWN						
TX2339		WITHDRAWN						
TX2340		WITHDRAWN						
TX2341		WITHDRAWN						
TX2342		WITHDRAWN						
TX2343		WITHDRAWN						
TX2344	4/7/2022	Google's Fifth Suppl O&Rs to Sonos's First Set of ROGs [12]	N/A		403; H; N; R			
TX2345	2/4/2022	Sonos O&Rs to Google Second Set of ROGs [21]	N/A		403; H; N; R			
TX2346	3/21/2022	Sonos's First Supp O&Rs to Google's Second Set of ROGs [21]	N/A		403; H; N; R			
TX2347	9/7/2021	Sonos's O&Rs to Google's First Set of ROGs [1-20]	N/A		403; H; N; R			
TX2348	1/21/2022	Sonos's Suppl O&Rs to Google's First Set of ROGs [1-20]	N/A		403; H; N; R			
TX2349	3/21/2022	Sonos's Third Supp O&Rs to Google's First Set of ROGs [1-20]	N/A		403; H; N; R			
TX2350		WITHDRAWN						
TX2351	2/4/2022	Attachment A to Sonos's Second Supp O&Rs to Google's First Set of ROGs [1-20]	N/A		403; H; N; R			
TX2352		Exhibits 1.0 - 10.1 and "Damages and Licensing" slides to Rebuttal Expert Report of W. Christopher Bakewell	N/A		403; H; N; R			

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TX2353		Slides/exhibits to Rebuttal Expert Report of Dan Schonfeld	N/A		403; H; N; R			
TX2354	12/31/2021	Form 10-K for fiscal year ended December 31, 2021 - Alphabet Inc.	N/A		403; U; H; PK			
TX2355		WITHDRAWN						
TX2356		WITHDRAWN						
TX2357	10/2/2021	Form 10-K for fiscal year ended October 2, 2021 - Sonos	N/A		403; U; H; PK			
TX2358	12/31/2015	Form 10-K for the fiscal year ended December 31, 2015 - Google	N/A		403; U; H; PK			
TX2359	12/31/2019	Form 10-K for the fiscal year ended December 31, 2019 - Alphabet Inc.	N/A		403; U; H; PK			
TX2360	12/31/2020	Form 10-K for the fiscal year ended December 31, 2020 - Alphabet Inc.	N/A		403; U; H; PK			
TX2361	4/2/2022	Form 10-Q for quarter ended April 2, 2022 - Sonos	N/A		403; U; H; PK			
TX2362	4/14/2022	Declaration of Dr. Dan Schonfeld ISO Google's MSJ	N/A		403; H; N; R			
TX2363		WITHDRAWN						
TX2364	4/24/2021	Declaration of Kevin C. Almeroth (and attachments/exhibits)	N/A		403; H; N; R			
TX2365		WITHDRAWN						
TX2366		WITHDRAWN						
TX2367		WITHDRAWN						
TX2368		WITHDRAWN						
TX2369		WITHDRAWN						
TX2370	6/15/2021	Rebuttal Declaration of Kevin. C. Almeroth (and attachments/exhibits)	N/A		403; H; N; R			
TX2371	10/1/2020	Deposition of Ken Mackay (USITC Case No. 337-TA-1191)	N/A		403; U; H; PK; N			
TX2372	0/0/2021	AIPLA 2021 Report of the Economic Survey	N/A		403; U; R; H; PK			
TX2373	0/0/2002	Allen, Bruce, Neil Doherty, Keith Weigelt, and Edwin Mansfield, "Chapter 5: Estimating Demand Functions," Managerial Economics: Theory, Applications, and Cases. New York: W.W. Norton	N/A		403; U; R; H; PK			
TX2374	4/8/2021	Alphabet Continues to Lead the Online Ad Space, Morningstar Equity Research	N/A		403; U; R; H; PK			
TX2375	4/18/2022	Alphabet Inc. (GOOGL), Zacks Equity Research	N/A		403; U; H; PK			
TX2376	5/0/2022	Alphabet Inc., MarketLine	N/A		403; U; H; PK			
TX2377	10/3/2012	Amended Complaint For Patent Infringement, Garnet Digital, LLC. V. Apple, Inc., et al., 6:11-cv-647 (E.D. TX)	N/A		403; U; H; PK			
TX2378	4/0/1997	An Economic Overview of Patents, Schaafsma, P. E., Journal of the Patent and Trademark Office Society	N/A		403; U; H; PK			
TX2379	0/0/1997	Antitrust and Intellectual Property: Landing on Patent Avenue in the Game of Monopoly, Gould, J. and Langenfeld, J., IDEA: The Journal of Law and Technology	N/A		403; U; R; H; PK			
TX2380	4/0/2007	Chapter 2: Competition Concerns When Patents Are Incorporated into Collaboratively Set Standards, Antitrust Enforcement and Intellectual Property Rights: Promoting Innovation and Competition (2007), U.S. Department of Justice & Federal Trade Commission	N/A		403; U; R; H; PK			
TX2381	9/5/2017	Connected Home, Barclays Research	N/A		403; U; R; H; PK			
TX2382	0/0/2014	Cost of Capital: Applications and Examples, Pratt, Shannon P., and Roger J. Grabowski, John Wiley & Sons, Chapter 6	N/A		403; U; R; H; PK			
TX2383		Damages and Licensing Slides to Rebuttal Expert Report of W. Christopher Bakewell	N/A		403; U; R; H; PK			
TX2384	10/17/2012	Defendant Google Inc.'s Answer And Affirmative Defenses To Plaintiff's Amended Complaint, Garnet Digital, LLC. V. Apple, Inc., et al., 6:11-cv-647 (E.D. TX)	N/A		403; U; R; H; PK			
TX2385	0/0/1999	Early Stage Technologies: Valuation & Pricing, Richard Razgaitis, John Wiley	N/A		403; U; R; H; PK			
TX2386		Economic Analysis of the Reasonable Royalty: Simplification and Extension of the Georgia-Pacific Factors, Epstein, R. J. and Marcus, A.J., Journal of the Patent and Trademark Office Society, 85 (7), July 2003	N/A		403; U; R; H; PK			
TX2387	0/0/2005	Economic Approaches to Intellectual Property: Policy, Litigation and Management, Leonard, G. K. and Stiroh, L. J.	N/A		403; U; R; H; PK			
TX2388	0/0/2006	Fundamentals of Corporate Finance, Ross, Stephen A., et al., McGraw-Hill/Irwin	N/A		403; U; R; H; PK			
TX2389	0/0/2020	Global Speakers Market, 2021-2025, Technavio, 2020	N/A		403; U; R; H; PK			

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TX2390	0/0/1999	Intellectual Property Infringement Damages, Parr, R. L., Second Edition, John Wiley & Sons	N/A		403; U; R; H; PK			
TX2391	0/0/2005	Intellectual Property: Valuation, Exploitation, and Infringement Damages, Smith, Gordon V., et al.	N/A		403; U; R; H; PK			
TX2392		WITHDRAWN						
TX2393		WITHDRAWN						
TX2394		WITHDRAWN						
TX2395		WITHDRAWN						
TX2396	0/0/2007	Litigation Services Handbook, Fifth Edition, The Role of the Financial Expert, John Wiley & Sons, Inc.	N/A		403; U; R; H; PK			
TX2397		WITHDRAWN						
TX2398	N/A	Macro / presets   Sonos Community	N/A		403; U; R; H; PK			
TX2399		Modern Methods for the Valuation of Intellectual Property, Stiroh, L. J. and Rapp, R. T.	N/A		403; U; R; H; PK			
TX2400		Navigating the Patent Thicket, Shapiro, C., Innovation Policy and the Economy I, eds	N/A		403; U; R; H; PK			
TX2401	9/25/2020	Order 20: Construing the Terms of the Asserted Claims of the Patents at Issue (US ITC Case No. 33-TA-1191)	N/A		403; U; R; H; PK; N			
TX2402	2/11/2013	Order Granting Motion To Dismiss, Garnet Digital, LLC. V. Apple, Inc., et al., 6:11-cv-647 (E.D. TX)	N/A		403; U; R; H; PK; N			
TX2403	12/2/2011	Original Complaint For Patent Infringement, Garnet Digital, LLC. V. Apple, Inc., et al., 6:11-cv-647 (E.D. TX)	N/A		403; U; R; H; PK; N			
TX2404	0/0/2000	Patent Licensing under Competitive and Non-Competitive Conditions, Toikka, R., Journal of the Patent and Trademark Office Society	N/A		403; U; R; H; PK			
TX2405	0/0/2019	Principles of Accounting, Volume 2: Managerial Accounting, Franklin, Mitchell, et al.	N/A		403; U; R; H; PK			
TX2406	0/0/1998	Product Substitutes and the Calculation of Patent Damages, Culbertson, J. and Weinstein, R., J. Patent and Trademark Office Society, 70.11	N/A		403; U; R; H; PK			
TX2407		Royalty Rates for Royalty Trademarks and Copyrights, Third Edition	N/A		403; U; R; H; PK			
TX2408	8/0/2021	Share Of Smart Speaker Installed Base In The United States In 2021, By Brand, Statista	N/A		403; U; R; H; PK			
TX2409	8/27/2017	Smart Speaker, J.P. Morgan	N/A		403; U; R; H; PK			
TX2410	N/A	Sonos Graham Farrar Profile	N/A		403; U; R; H; PK			
TX2411	N/A	Sonos Macro / presets	N/A		403; U; R; H; PK			
TX2412	N/A	Sonos Virtual Zones and Zone Grouping (version 1)	N/A		403; U; R; H; PK			
TX2413	N/A	Sonos Virtual Zones and Zone Grouping (version 2)	N/A		403; U; R; H; PK			
TX2414		Sonos, Inc. v. Google LLC, C.A. 6:20-cv-00881-ADA, Dkt. No. 64, Ex. 7	N/A		403; U; R; H; PK			
TX2415	4/21/2021	Stairway to Heaven, Exane BNP Paribas	N/A		403; U; R; H; PK			
TX2416		WITHDRAWN						
TX2417	1/0/2001	The Cost of Capital in Litigation: Applications and Examples, Jaffe, A. B, Lerner, J. and Stern, S., Shannon P. Pratt and Roger J. Grabowski, Chapter titled "Other Cost of Capital Considerations"	N/A		403; U; R; H; PK			
TX2418	12/0/2002	Use of the 25 Percent Rule in Valuing IP, Goldscheider, R., et al, les Nouvelles	N/A		403; U; R; H; PK			
TX2419		WITHDRAWN						
TX2420	0/0/2000	Valuation of Intellectual Property and Intangible Assets, Smith, G. and Parr, R., (John Wiley & Sons)	N/A		403; U; R; H; PK			
TX2421	0/0/2008	Valuing a Business: The Analysis and Appraisal of Closely Held Companies, Pratt, S. P. and Niculita, A. V., Fifth Edition	N/A		403; U; R; H; PK			
TX2422	0/0/1999	Valuing Intangible Assets, Reilly, R. F. and Schweih, R. P., (McGraw-Hill)	N/A		403; U; R; H; PK			
TX2423	4/0/2002	Valuing Intellectual Property Assets for Licensing Transactions, Berkman, M, The Licensing Journal	N/A		403; U; R; H; PK			
TX2424	N/A	Virtual Zones and Zone Grouping	N/A		403; U; R; H; PK			
TX2425	N/A	Virtual Zones and Zone Grouping   Sonos Community	N/A		403; U; R; H; PK			
TX2426	0/0/2004	Yamaha DME Designer, Version 4.0, Owner's Manual	N/A		403; U; R; H; PK			
TX2427	N/A	YouTube Remote - Aplicativos no Android Market	N/A		403; U; R; H; PK			

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TX2428		<a href="http://atrip.org/wpcontent/uploads/2016/12/2009-1Daryl-Lim.pdf">http://atrip.org/wpcontent/uploads/2016/12/2009-1Daryl-Lim.pdf</a> (Lim, Daryl, "Misconduct in Standard Setting: The Case for Patent Misuse," ATRIP Essay Competition 2009)	N/A		403; A; U; H; R; PK			
TX2429		<a href="http://svn.slimdevices.com/repos/slim/7.4/trunk/docs/squeezebox2/Squeezebox2-Owners-Guide.pdf">http://svn.slimdevices.com/repos/slim/7.4/trunk/docs/squeezebox2/Squeezebox2-Owners-Guide.pdf</a>	N/A		403; A; U; H; R; PK			
TX2430		<a href="http://svn.slimdevices.com/repos/slim/7.4/trunk/docs/squeezebox3/Squeezebox-v3-Owners-Guide.pdf">http://svn.slimdevices.com/repos/slim/7.4/trunk/docs/squeezebox3/Squeezebox-v3-Owners-Guide.pdf</a>	N/A		403; A; U; H; R; PK			
TX2431		<a href="http://www.audioreview.com/product/other/mini-systems/bose/lifestyle-50.html%20">http://www.audioreview.com/product/other/mini-systems/bose/lifestyle-50.html%20</a>	N/A		403; A; U; H; R; PK			
TX2432		<a href="http://www.boer.org/files/2003.pdf">http://www.boer.org/files/2003.pdf</a> (Boer, Peter, "Risk Adjusted Valuation of R&D Projects," 2003)	N/A		403; A; U; H; R; PK			
TX2433		<a href="http://www.differencebetween.net/technology/difference-between-google-home-and-google-assistant/">http://www.differencebetween.net/technology/difference-between-google-home-and-google-assistant/</a> ("Difference between Google Home And Google Assistant")	N/A		403; A; U; H; R; PK			
TX2434		<a href="http://www.fxfl.com/english-books/Real%20Options%20In%20Practice.pdf">http://www.fxfl.com/english-books/Real%20Options%20In%20Practice.pdf</a> (Brach, Marion, "Real Options in Practice," 2003)	N/A		403; A; U; H; R; PK			
TX2435		<a href="http://www.mediafire.com/file/Oduavcuf1zyuc8u/sonos_dismantle.pdf/file?dkey=0duavcuf1zyuc8u">http://www.mediafire.com/file/Oduavcuf1zyuc8u/sonos_dismantle.pdf/file?dkey=0duavcuf1zyuc8u</a>	N/A		403; A; U; H; R; PK			
TX2436		<a href="http://www.sonos.com/en-us/shop/five">http://www.sonos.com/en-us/shop/five</a> ("Five," Sonos)	N/A		403; A; U; H; R; PK			
TX2437		<a href="http://www.venturevaluation.com/en/methodology/valuation-methods">http://www.venturevaluation.com/en/methodology/valuation-methods</a> ("Valuation Methods," Venture Valuation)	N/A		403; A; U; H; R; PK			
TX2438		<a href="https://9to5google.com/2020/09/30/chromecast-ultra-stadia-future-discontinued/">https://9to5google.com/2020/09/30/chromecast-ultra-stadia-future-discontinued/</a> ("The \$30 Chromecast Won't Be Discontinued, But Chromecast Ultra Will Only Be Sold w/Stadia," 9 to 5 Google, September 30, 2020)	N/A		403; A; U; H; R; PK			
TX2439		<a href="https://9to5google.com/2021/01/26/google-home-max-discontinued/">https://9to5google.com/2021/01/26/google-home-max-discontinued/</a> ("Google Home Max Officially Discontinued After Going Out Of Stock," 9 to 5 Google, January 26, 2021)	N/A		403; A; U; H; R; PK			
TX2440		<a href="https://9to5google.com/2021/12/20/google-home-mini-out-of-stock/">https://9to5google.com/2021/12/20/google-home-mini-out-of-stock/</a> ("Google Finally Stops Selling The Home Mini After Four Years," 9 to 5 Google, December 20, 2021)	N/A		403; A; U; H; R; PK			
TX2441		<a href="https://about.google/products/#all-products">https://about.google/products/#all-products</a> ("Google Products," Google)	N/A		403; A; U; H; R; PK			
TX2442		<a href="https://archives.fedoraproject.org/pub/archive/fedora/linux/core/4/i386/iso/">https://archives.fedoraproject.org/pub/archive/fedora/linux/core/4/i386/iso/</a>	N/A		403; A; U; H; R; PK			
TX2443		<a href="https://blog.google/products/google-nest/nest-wifi/">https://blog.google/products/google-nest/nest-wifi/</a>	N/A		403; A; U; H; R; PK			
TX2444		<a href="https://blog.google/products/google-nest/new-multi-room-audio-control-nest/">https://blog.google/products/google-nest/new-multi-room-audio-control-nest/</a>	N/A		403; A; U; H; R; PK			
TX2445		WITHDRAWN						
TX2446		WITHDRAWN						
TX2447		WITHDRAWN						
TX2448		WITHDRAWN						
TX2449		WITHDRAWN						
TX2450		WITHDRAWN						
TX2451		<a href="https://downloads.slimdevices.com/">https://downloads.slimdevices.com/</a>	N/A		403; A; U; H; R; PK			
TX2452		<a href="https://downloads.slimdevices.com/SlimServer_v5.3.1/">https://downloads.slimdevices.com/SlimServer_v5.3.1/</a>	N/A		403; A; U; H; R; PK			
TX2453		<a href="https://downloads.slimdevices.com/SlimServer_v5.4.1/SlimServer_v5.4.1.ZIP">https://downloads.slimdevices.com/SlimServer_v5.4.1/SlimServer_v5.4.1.ZIP</a>	N/A		403; A; U; H; R; PK			
TX2454		<a href="https://downloads.slimdevices.com/SlimServer_v6.2.1/">https://downloads.slimdevices.com/SlimServer_v6.2.1/</a>	N/A		403; A; U; H; R; PK			
TX2455		<a href="https://en.community.sonos.com/advanced-setups-229000/sonos-zp100-dismantle-and-possible-repair-guide-35389">https://en.community.sonos.com/advanced-setups-229000/sonos-zp100-dismantle-and-possible-repair-guide-35389</a>	N/A		403; A; U; H; R; PK			
TX2456		<a href="https://en.wikipedia.org/wiki/Fedora_Linux_release_history#Fedora_Core_4">https://en.wikipedia.org/wiki/Fedora_Linux_release_history#Fedora_Core_4</a>	N/A		403; A; U; H; R; PK			
TX2457		<a href="https://finance.yahoo.com/news/review-google-home-win-better-130033351.html">https://finance.yahoo.com/news/review-google-home-win-better-130033351.html</a> ("Review: Google Home Is A Win (And Better Than The Amazon Echo), Yahoo Finance, November 3, 2016)	N/A		403; A; U; H; R; PK			

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TX2458		<a href="https://gadgets.ndtv.com/mobiles/features/samsung-apple-agonise-over-smartphone-profit-margins-506145">https://gadgets.ndtv.com/mobiles/features/samsung-apple-agonise-over-smartphone-profit-margins-506145</a> ("Samsung, Apple Agonise Over Smartphone Profit Margins," Gadgets 360, June 2, 2014)	N/A		403; A; U; H; R; PK			
TX2459		<a href="https://gadgets.ndtv.com/mobiles/opinion/apple-usd-1-trillion-market-valuation-profit-margins-analysis-1894722">https://gadgets.ndtv.com/mobiles/opinion/apple-usd-1-trillion-market-valuation-profit-margins-analysis-1894722</a> ("Samsung, Apple Agonise Over Smartphone Profit Margins," Gadgets 360, June 2, 2014)	N/A		403; A; U; H; R; PK			
TX2460		<a href="https://gizmodo.com/7-cool-pixel-features-you-cant-get-on-other-android-pho-1847305877">https://gizmodo.com/7-cool-pixel-features-you-cant-get-on-other-android-pho-1847305877</a> ("7 Cool Pixel Features You Can't Get on Other Android Phones," Gizmodo, July 19, 2021)	N/A		403; A; U; H; R; PK			
TX2461		<a href="https://gizmodo.com/google-ceo-still-insists-ai-revolution-biggerthan-inve-1847288454">https://gizmodo.com/google-ceo-still-insists-ai-revolution-biggerthan-inve-1847288454</a> ("Google CEO Still Insists AI Revolution Bigger Than Invention Of Fire," Gizmodo, July 14, 2021)	N/A		403; A; U; H; R; PK			
TX2462		<a href="https://google.cioreview.com/cxinsight/the-ecosystem-of-google-technologies-nid-5859-cid-82.html">https://google.cioreview.com/cxinsight/the-ecosystem-of-google-technologies-nid-5859-cid-82.html</a> ("The Ecosystem of Google Technologies," CIO Review)	N/A		403; A; U; H; R; PK			
TX2463		<a href="https://ifttt.com/aclu">https://ifttt.com/aclu</a>	N/A		403; A; U; H; R; PK			
TX2464		<a href="https://ifttt.com/bounce">https://ifttt.com/bounce</a>	N/A		403; A; U; H; R; PK			
TX2465		<a href="https://ifttt.com/explore/new_to_ifttt">https://ifttt.com/explore/new_to_ifttt</a>	N/A		403; A; U; H; R; PK			
TX2466		<a href="https://ifttt.com/explore/services">https://ifttt.com/explore/services</a>	N/A		403; A; U; H; R; PK			
TX2467		<a href="https://ifttt.com/explore/top-applets-2021">https://ifttt.com/explore/top-applets-2021</a> ("Popular Top Applets of 2021," IFTTT website)	N/A		403; A; U; H; R; PK			
TX2468		<a href="https://ifttt.com/explore/welcome_to_ifttt">https://ifttt.com/explore/welcome_to_ifttt</a>	N/A		403; A; U; H; R; PK			
TX2469		<a href="https://killedbygoogle.com/">https://killedbygoogle.com/</a> ("Killed By Google")	N/A		403; A; U; H; R; PK			
TX2470		<a href="https://liarsliarsliars.com/changed-speaker-technology-recently/">https://liarsliarsliars.com/changed-speaker-technology-recently/</a> ("What Has Changed With Speaker Technology Recently—2022 Overview," January 25, 2021)	N/A		403; A; U; H; R; PK			
TX2471		<a href="https://money.cnn.com/2017/10/04/technology/sonos-one-speaker-alexa/index.html">https://money.cnn.com/2017/10/04/technology/sonos-one-speaker-alexa/index.html</a> ("Alexa Finds New Home In Sonos Speaker," CNN Money, October 4, 2017)	N/A		403; A; U; H; R; PK			
TX2472		<a href="https://patentscout.innography.com/">https://patentscout.innography.com/</a> (Innography Patent Search)	N/A		403; A; U; H; R; PK			
TX2473		<a href="https://play.google.com/store/apps/details?id=com.studiosoolter.screenmirroring.miracast.apps&amp;hl=en_US&amp;gl=US">https://play.google.com/store/apps/details?id=com.studiosoolter.screenmirroring.miracast.apps&amp;hl=en_US&amp;gl=US</a> (Screen Mirroring - TV Miracast, Google Play Store)	N/A		403; A; U; H; R; PK			
TX2474		<a href="https://play.google.com/store/apps/details?id=de.stefanpdl.localcast">https://play.google.com/store/apps/details?id=de.stefanpdl.localcast</a> (LocalCast: stream to TV, Google Play Store)	N/A		403; A; U; H; R; PK			
TX2475		<a href="https://seekingalpha.com/article/4210176-weak-smartphone-margins-motivating-samsung-raise-memoryprices">https://seekingalpha.com/article/4210176-weak-smartphone-margins-motivating-samsung-raise-memoryprices</a> ("Weak Smartphone Margins Are Motivating Samsung To Raise Memory Prices," Seeking Alpha)	N/A		403; A; U; H; R; PK			
TX2476		<a href="https://seekingalpha.com/article/4250335-sonos-lost-battle-started">https://seekingalpha.com/article/4250335-sonos-lost-battle-started</a> ("Sonos: Lost The Battle Before It Started," Seeking Alpha, March 21, 2019)	N/A		403; A; U; H; R; PK			
TX2477		<a href="https://seekingalpha.com/article/4497305-google-moonshots-that-can-change-industry-paradigm">https://seekingalpha.com/article/4497305-google-moonshots-that-can-change-industry-paradigm</a> ("Google: Moonshots That Can Change An Industry Paradigm," Seeking Alpha, March 23, 2022)	N/A		403; A; U; H; R; PK			
TX2478		WITHDRAWN						
TX2479		<a href="https://store.google.com/?&amp;43700028976493334&amp;gclid=EAIaIQobChMlgZfKht_l-AIVK__jBx3dzQc_EAAYASAAEgLRNPD_BwE&amp;gclsrc=aw.ds&amp;hl=en-US">https://store.google.com/?&amp;43700028976493334&amp;gclid=EAIaIQobChMlgZfKht_l-AIVK__jBx3dzQc_EAAYASAAEgLRNPD_BwE&amp;gclsrc=aw.ds&amp;hl=en-US</a> (Google Store)	N/A		403; A; U; H; R; PK			
TX2480		<a href="https://store.google.com/product/google_nest_hub_max?hl=en-US">https://store.google.com/product/google_nest_hub_max?hl=en-US</a> ("Nest Hub Max," Google Store)	N/A		403; A; U; H; R; PK			
TX2481		<a href="https://store.google.com/us/magazine/compare_nest_speakers_displays?hl=en-US">https://store.google.com/us/magazine/compare_nest_speakers_displays?hl=en-US</a> ("Compare Smart Speakers And Displays," Google Store)	N/A		403; A; U; H; R; PK			
TX2482		<a href="https://support.google.com/adsense/answer/72851?hl=en">https://support.google.com/adsense/answer/72851?hl=en</a> ("YouTube Partner Program Overview & Eligibility")	N/A		403; A; U; H; R; PK			
TX2483		<a href="https://support.google.com/assistant/answer/9475056?hl=en&amp;co=GENIE.Platform%3DAndroid#:~:text=The%20new%20Google%20Assistant%20is,more%20with%20just%20your%20voice">https://support.google.com/assistant/answer/9475056?hl=en&amp;co=GENIE.Platform%3DAndroid#:~:text=The%20new%20Google%20Assistant%20is,more%20with%20just%20your%20voice</a> ("Get Started With The Google Assistant On Pixel 4 & Later," Google)	N/A		403; A; U; H; R; PK			

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TRIAL EX.	DATE	DESCRIPTION	BATES BEGIN	GOOGLE'S OBJECTIONS	SONOS'S OBJECTIONS	DATE OFFERED	DATE ADMITTED	LIMITATIONS OF USE
TX2484		WITHDRAWN						
TX2485		<a href="https://support.google.com/chromecast/answer/9563059?co=GENIE.Platform%3DAndroid&amp;hl=en">https://support.google.com/chromecast/answer/9563059?co=GENIE.Platform%3DAndroid&amp;hl=en</a>	N/A		403; A; U; H; R; PK			
TX2486		<a href="https://support.google.com/googlenest/answer/7174267?co=GENIE.Platform%3DAndroid&amp;hl=en">https://support.google.com/googlenest/answer/7174267?co=GENIE.Platform%3DAndroid&amp;hl=en</a>	N/A		403; A; U; H; R; PK			
TX2487		<a href="https://support.google.com/googlenest/answer/7174267?hl=en&amp;co=GENIE.Platform%3DAndroid#zippy=%2Ccreate-an-audio-group%2Cedit-an-existing-group%2Cdelete-an-existing-group">https://support.google.com/googlenest/answer/7174267?hl=en&amp;co=GENIE.Platform%3DAndroid#zippy=%2Ccreate-an-audio-group%2Cedit-an-existing-group%2Cdelete-an-existing-group</a> ("Create and manage speaker groups," Google Nest Help)	N/A		403; A; U; H; R; PK			
TX2488		<a href="https://support.google.com/googlenest/answer/7181830">https://support.google.com/googlenest/answer/7181830</a>	N/A		403; A; U; H; R; PK			
TX2489		<a href="https://support.google.com/googlenest/answer/7207759?hl=en#zippy=">https://support.google.com/googlenest/answer/7207759?hl=en#zippy=</a>	N/A		403; A; U; H; R; PK			
TX2490		<a href="https://support.google.com/googlenest/answer/9583920?hl=en">https://support.google.com/googlenest/answer/9583920?hl=en</a> ("Meet Google Nest Wifi")	N/A		403; A; U; H; R; PK			
TX2491		<a href="https://support.google.com/pixelphone/answer/7158570?hl=en#zippy=%2Cpixel">https://support.google.com/pixelphone/answer/7158570?hl=en#zippy=%2Cpixel</a> ("Pixel Phone Hardware Tech Specs," Google Support)	N/A		403; A; U; H; R; PK			
TX2492		<a href="https://support.google.com/websearch/answer/10017274?hl=en&amp;co=GENIE.Platform%3DAndroid#zippy=">https://support.google.com/websearch/answer/10017274?hl=en&amp;co=GENIE.Platform%3DAndroid#zippy=</a>	N/A		403; A; U; H; R; PK			
TX2493		<a href="https://support.google.com/youtubemusic/answer/6313542?hl=en">https://support.google.com/youtubemusic/answer/6313542?hl=en</a>	N/A		403; A; U; H; R; PK			
TX2494		<a href="https://support.google.com/youtubemusic/thread/62843644/google-play-music-music-play-store-music-manager-are-going-away-%E2%80%93-everything-you-need-to-know?hl=en">https://support.google.com/youtubemusic/thread/62843644/google-play-music-music-play-store-music-manager-are-going-away-%E2%80%93-everything-you-need-to-know?hl=en</a>	N/A		403; A; U; H; R; PK			
TX2495		<a href="https://support.sonos.com/s/article/3521?language=en_US">https://support.sonos.com/s/article/3521?language=en_US</a>	N/A		403; A; U; H; R; PK			
TX2496		<a href="https://techcrunch.com/2016/11/03/google-home-review/">https://techcrunch.com/2016/11/03/google-home-review/</a> ("Google Home brings Google's Smarts To Your Living Room," TechCrunch, November 3, 2016)	N/A		403; A; U; H; R; PK			
TX2497		<a href="https://techland.time.com/2012/05/22/itsofficial-google-has-acquire-motorola-mobility/">https://techland.time.com/2012/05/22/itsofficial-google-has-acquire-motorola-mobility/</a> (Aamoth, Doug "It's Official: Google Has Acquired Motorola Mobility" TIME, May 22, 2012)	N/A		403; A; U; H; R; PK			
TX2498		<a href="https://thekeenfolks.com/theimpact-of-technology-on-consumer-behaviour/">https://thekeenfolks.com/theimpact-of-technology-on-consumer-behaviour/</a> ("The Impact of Technology Consumer Behavior," The Keenfolks)	N/A		403; A; U; H; R; PK			
TX2499		<a href="https://time.com/6199829/sonos-ceo-sounds-off-on-big-tech/">https://time.com/6199829/sonos-ceo-sounds-off-on-big-tech/</a> ("Sonos CEO Patrick Spence Sounds Off About Big Tech Behaving Badly," Time, July 24, 2022)	N/A		403; A; U; H; R; PK			
TX2500		<a href="https://towardsdatascience.com/artificial-intelligence-powering-google-products-18e191da88d0">https://towardsdatascience.com/artificial-intelligence-powering-google-products-18e191da88d0</a> ("Artificial Intelligence Powering Google Products: How AI is Deeply Integrated into Google Products," September 9, 2020)	N/A		403; A; U; H; R; PK			
TX2501		<a href="https://valorvortech.com/how-long-can-a-smartphone-last/">https://valorvortech.com/how-long-can-a-smartphone-last/</a> ("How Long Can A Smartphone Last? (With 6 Real Examples)," Valorvortech.com)	N/A		403; A; U; H; R; PK			
TX2502		<a href="https://variety.com/2018/biz/features/sonos-apple-google-amazon-1202850159/?sub_action=logged_in">https://variety.com/2018/biz/features/sonos-apple-google-amazon-1202850159/?sub_action=logged_in</a> ("How Smart-Speaker Maker Sonos Plans to Take on Apple, Google and Amazon," Variety.com, June 20, 2018)	N/A		403; A; U; H; R; PK			
TX2503		<a href="https://voicebot.ai/2018/03/28/timeline-voice-assistant-smart-speaker-technology-1961-today/">https://voicebot.ai/2018/03/28/timeline-voice-assistant-smart-speaker-technology-1961-today/</a> ("A Timeline of Voice Assistant and Smart Speaker Technology From 1961 to Today," Voicebot.ai, March 28, 2018)	N/A		403; A; U; H; R; PK			
TX2504		<a href="https://voicebot.ai/2018/07/08/sonos-files-for-ipo-comments-on-smart-speaker-focus-and-dependence-on-alexa/">https://voicebot.ai/2018/07/08/sonos-files-for-ipo-comments-on-smart-speaker-focus-and-dependence-on-alexa/</a> ("Sonos Files For IPO, Comments On Smart Speaker Focus And Dependence On Alexa," Voicebot.ai, July 8, 2018)	N/A		403; A; U; H; R; PK			
TX2505		<a href="https://voicebot.ai/2020/05/27/google-home-no-more/">https://voicebot.ai/2020/05/27/google-home-no-more/</a> ("Google Home No More," Voicebot.ai, May 27, 2020)	N/A		403; A; U; H; R; PK			
TX2506		<a href="https://web.archive.org/web/20040918101852/http://slimdevices.com/downloads/squeezebox.pdf">https://web.archive.org/web/20040918101852/http://slimdevices.com/downloads/squeezebox.pdf</a>	N/A		403; A; U; H; R; PK			
TX2507		<a href="https://web.archive.org/web/20041207171617/http://slimdevices.com/downloads/SLIMP3.pdf">https://web.archive.org/web/20041207171617/http://slimdevices.com/downloads/SLIMP3.pdf</a>	N/A		403; A; U; H; R; PK			

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TX2508		<a href="https://web.archive.org/web/20041208214606/http://www.slimdevices.com/downloads/">https://web.archive.org/web/20041208214606/http://www.slimdevices.com/downloads/</a>	N/A		403; A; U; H; R; PK			
TX2509		<a href="https://web.archive.org/web/20050206021903/http://www.slimdevices.com/pi_specs.html">https://web.archive.org/web/20050206021903/http://www.slimdevices.com/pi_specs.html</a>	N/A		403; A; U; H; R; PK			
TX2510		<a href="https://web.archive.org/web/20050207011721/http://www.slimdevices.com/pi_features.html">https://web.archive.org/web/20050207011721/http://www.slimdevices.com/pi_features.html</a>	N/A		403; A; U; H; R; PK			
TX2511		<a href="https://web.archive.org/web/20050207012626/http://www.slimdevices.com/pi_overview.html">https://web.archive.org/web/20050207012626/http://www.slimdevices.com/pi_overview.html</a>	N/A		403; A; U; H; R; PK			
TX2512		<a href="https://web.archive.org/web/20050207112450/http://www.slimdevices.com/pi_moreinfo.html">https://web.archive.org/web/20050207112450/http://www.slimdevices.com/pi_moreinfo.html</a>	N/A		403; A; U; H; R; PK			
TX2513		<a href="https://web.archive.org/web/20050403091101/http://softsqueeze.sourceforge.net/sync.html">https://web.archive.org/web/20050403091101/http://softsqueeze.sourceforge.net/sync.html</a>	N/A		403; A; U; H; R; PK			
TX2514		<a href="https://web.archive.org/web/20050714032953/http://www.slimdevices.com/pi_faq.html#about2-hwsync">https://web.archive.org/web/20050714032953/http://www.slimdevices.com/pi_faq.html#about2-hwsync</a>	N/A		403; A; U; H; R; PK			
TX2515		<a href="https://web.archive.org/web/20050726010928/http://softsqueeze.sourceforge.net/">https://web.archive.org/web/20050726010928/http://softsqueeze.sourceforge.net/</a>	N/A		403; A; U; H; R; PK			
TX2516		<a href="https://web.archive.org/web/20050726012927/http://www.globetechnology.com/servlet/story/RTGAM.20050527.gtsqueezeboxmay27/BNStory/TechReviews/">https://web.archive.org/web/20050726012927/http://www.globetechnology.com/servlet/story/RTGAM.20050527.gtsqueezeboxmay27/BNStory/TechReviews/</a>	N/A		403; A; U; H; R; PK			
TX2517		<a href="https://web.archive.org/web/20060113080440/http://wiki.slimdevices.com/index.cgi?Synchronization">https://web.archive.org/web/20060113080440/http://wiki.slimdevices.com/index.cgi?Synchronization</a>	N/A		403; A; U; H; R; PK			
TX2518		<a href="https://web.archive.org/web/20060113082526/http://wiki.slimdevices.com/index.cgi?BeginnersGuide">https://web.archive.org/web/20060113082526/http://wiki.slimdevices.com/index.cgi?BeginnersGuide</a>	N/A		403; A; U; H; R; PK			
TX2519		<a href="https://web.archive.org/web/20070528122735/http://headworx.slupik.com/2007/03/multiroom-audio.html">https://web.archive.org/web/20070528122735/http://headworx.slupik.com/2007/03/multiroom-audio.html</a>	N/A		403; A; U; H; R; PK			
TX2520		<a href="https://web.archive.org/web/20110807085936/http://www.digitaltrends.com/media-streamer-reviews/slim-devices-slimp3-player-review/">https://web.archive.org/web/20110807085936/http://www.digitaltrends.com/media-streamer-reviews/slim-devices-slimp3-player-review/</a>	N/A		403; A; U; H; R; PK			
TX2521		<a href="https://web.archive.org/web/20140413140323/https://play.google.com/about/music/sonos/">https://web.archive.org/web/20140413140323/https://play.google.com/about/music/sonos/</a>	N/A		403; A; U; H; R; PK			
TX2522		<a href="https://web.archive.org/web/20200929082441/https://ifttt.com/plans">https://web.archive.org/web/20200929082441/https://ifttt.com/plans</a> ("Find The Right Plan," IFTTT.com website, September 29, 2020 and November 3, 2020)	N/A		403; A; U; H; R; PK			
TX2523		<a href="https://web.archive.org/web/20201103212957/https://ifttt.com/plans">https://web.archive.org/web/20201103212957/https://ifttt.com/plans</a> ("Find The Right Plan," IFTTT.com website, September 29, 2020 and November 3, 2020)	N/A		403; A; U; H; R; PK			
TX2524		<a href="https://web-assets.bcg.com/d5/ef/ea7099b64b89860fd1aa3ec4ff34/bcg-most-innovative-companies-2021-apr-2021-r.pdf">https://web-assets.bcg.com/d5/ef/ea7099b64b89860fd1aa3ec4ff34/bcg-most-innovative-companies-2021-apr-2021-r.pdf</a> ("Overcoming The Innovation Readiness Gap," BCG Consulting, April 2021)	N/A		403; A; U; H; R; PK			
TX2525		<a href="https://wiki.slimdevices.com/index.php/Hardware_comparison.html">https://wiki.slimdevices.com/index.php/Hardware_comparison.html</a>	N/A		403; A; U; H; R; PK			
TX2526		<a href="https://wiki.slimdevices.com/index.php/Remote_control_plugins.html">https://wiki.slimdevices.com/index.php/Remote_control_plugins.html</a>	N/A		403; A; U; H; R; PK			
TX2527		<a href="https://wiki.slimdevices.com/index.php/SLIMP3_client_protocol.html">https://wiki.slimdevices.com/index.php/SLIMP3_client_protocol.html</a>	N/A		403; A; U; H; R; PK			
TX2528		<a href="https://wiki.slimdevices.com/index.php/SlimProtoTCPProtocol.html">https://wiki.slimdevices.com/index.php/SlimProtoTCPProtocol.html</a>	N/A		403; A; U; H; R; PK			
TX2529		<a href="https://wiki.slimdevices.com/index.php/SlimProtoTCPProtocol.html#Command_22grfd.22">https://wiki.slimdevices.com/index.php/SlimProtoTCPProtocol.html#Command_22grfd.22</a>	N/A		403; A; U; H; R; PK			
TX2530		<a href="https://worddisk.com/wiki/Squeezebox_(network_music_player)/">https://worddisk.com/wiki/Squeezebox_(network_music_player)/</a>	N/A		403; A; U; H; R; PK			
TX2531		<a href="https://www.amazon.com/Google-GA01187-US-Pixel-Black-Unlocked/dp/B07YMNLXL3/ref=asc_df_B07YMNLXL3/?tag=hyprod-20&amp;linkCode=df0&amp;hvadid=385546063373&amp;hvpos=&amp;hvnw=g&amp;hvrnd=1479815757744176096&amp;hvpone=&amp;hvpstwo=&amp;hvmqmt=&amp;hvdvc=c&amp;hvdvcmdl=&amp;hvllocint=&amp;hvllocphy=1026339&amp;hvtargid=pla-865575424444&amp;pssc=1&amp;tag=&amp;ref=&amp;adgrpid=85458698584&amp;hvpone=&amp;hvpstwo=&amp;hvadid=385546063373&amp;hvpos=&amp;hvnw=g&amp;hvrnd=1479815757744176096&amp;hvmqmt=&amp;hvdvc=c&amp;hvdvcmdl=&amp;hvllocint=&amp;hvllocphy=1026339&amp;hvtargid=pla-865575424444">https://www.amazon.com/Google-GA01187-US-Pixel-Black-Unlocked/dp/B07YMNLXL3/ref=asc_df_B07YMNLXL3/?tag=hyprod-20&amp;linkCode=df0&amp;hvadid=385546063373&amp;hvpos=&amp;hvnw=g&amp;hvrnd=1479815757744176096&amp;hvpone=&amp;hvpstwo=&amp;hvmqmt=&amp;hvdvc=c&amp;hvdvcmdl=&amp;hvllocint=&amp;hvllocphy=1026339&amp;hvtargid=pla-865575424444</a> ("Google Pixel 4 - Just Black - 64GB - Unlocked," Amazon)	N/A		403; A; U; H; R; PK			
TX2532		<a href="https://www.androidauthority.com/google-nest-audio-1161563/">https://www.androidauthority.com/google-nest-audio-1161563/</a> (Rutnik, Mitja, "Google Nest Audio: Everything you need to know about the smart speaker," Android Authority, February 5, 2022)	N/A		403; A; U; H; R; PK			



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TX2533		<a href="https://www.ast.com/about-us/asts-mission/">https://www.ast.com/about-us/asts-mission/</a> ("Our Mission," AST website)	N/A		403; A; U; H; R; PK			
TX2534		<a href="https://www.ast.com/acquired-portfolios/">https://www.ast.com/acquired-portfolios/</a> ("Acquired Portfolios," AST website)	N/A		403; A; U; H; R; PK			
TX2535		<a href="https://www.audioholics.com/news/slim-devices-squeezebox-v3-shipping">https://www.audioholics.com/news/slim-devices-squeezebox-v3-shipping</a>	N/A		403; A; U; H; R; PK			
TX2536		<a href="https://www.bestbuy.com/site/google-pixel-5-5g-128gb-unlocked-just-black/6431992.p?skuId=6431992">https://www.bestbuy.com/site/google-pixel-5-5g-128gb-unlocked-just-black/6431992.p?skuId=6431992</a> ("Google - Pixel 5 5G 128GB (Unlocked) - Just Black," Best Buy)	N/A		403; A; U; H; R; PK			
TX2537		<a href="https://www.bhphotovideo.com/explora/mobile/news/googleannounces-pixel-6-pixel-6-pro-with-tensor-soc-powerful-new-50mp-camera">https://www.bhphotovideo.com/explora/mobile/news/googleannounces-pixel-6-pixel-6-pro-with-tensor-soc-powerful-new-50mp-camera</a> ("Google Announces Pixel 6, Pixel 6 Pro with Tensor SoC, Powerful New 50MP Camera," B&H Photo)	N/A		403; A; U; H; R; PK			
TX2538		<a href="https://www.bose.com/en_us/support/products/bose_home_theater_support/t/bose_5_speaker_home_theater_support/ls50.html">https://www.bose.com/en_us/support/products/bose_home_theater_support/t/bose_5_speaker_home_theater_support/ls50.html</a>	N/A		403; A; U; H; R; PK			
TX2539		<a href="https://www.businessinsider.com/google-home-announced-price-release-date-2016-10">https://www.businessinsider.com/google-home-announced-price-release-date-2016-10</a> ("Google Unveils Its Newest Major Product: The Google Home Speaker," Business Insider, October 4, 2016)	N/A		403; A; U; H; R; PK			
TX2540		<a href="https://www.capitaliq.com/CIQDotNet/company.aspx?companyId=312932093&amp;fromSearchProfiles=True">https://www.capitaliq.com/CIQDotNet/company.aspx?companyId=312932093&amp;fromSearchProfiles=True</a> ("Google LLC," Capital IQ)	N/A		403; A; U; H; R; PK			
TX2541		<a href="https://www.cnbc.com/2021/05/18/how-does-google-make-money-advertising-business-breakdown-.html">https://www.cnbc.com/2021/05/18/how-does-google-make-money-advertising-business-breakdown-.html</a> ("How Google's \$150 Billion Advertising Business Works, CNBC, May 18, 2021)	N/A		403; A; U; H; R; PK			
TX2542		<a href="https://www.cnet.com/home/smart-home/best-smart-speaker/">https://www.cnet.com/home/smart-home/best-smart-speaker/</a> ("Best Smart Speakers for 2022," CNET)	N/A		403; A; U; H; R; PK			
TX2543		<a href="https://www.cnet.com/home/smart-home/google-and-nest-combine-into-a-new-smart-home-brand/">https://www.cnet.com/home/smart-home/google-and-nest-combine-into-a-new-smart-home-brand/</a> ("Google And Nest Combine Into A New Smart Home Brand," CNET, May 7, 2019)	N/A		403; A; U; H; R; PK			
TX2544		<a href="https://www.cnet.com/home/smarthome/google-confirmed-nest-hub-max-has-a-release-date-sept-9/">https://www.cnet.com/home/smarthome/google-confirmed-nest-hub-max-has-a-release-date-sept-9/</a> ("Google Confirmed Nest Hub Max Has A Release Date: Sept. 9," CNET, July 24, 2019)	N/A		403; A; U; H; R; PK			
TX2545		<a href="https://www.cnet.com/home/smart-home/nest-audio-google-newest-smart-speaker-replacing-original-google-home/">https://www.cnet.com/home/smart-home/nest-audio-google-newest-smart-speaker-replacing-original-google-home/</a> ("Nest Audio: Google's Newest Smart Speaker Is Replacing the Original Google Home," CNET, September 30, 2020)	N/A		403; A; U; H; R; PK			
TX2546		<a href="https://www.cnet.com/home/smart-home/nest-audio-review-google-new-smart-speaker-is-an-improvement-in-every-way/">https://www.cnet.com/home/smart-home/nest-audio-review-google-new-smart-speaker-is-an-improvement-in-every-way/</a> ("Nest Audio Review: Google's New Smart Speaker Is An Improvement In Every Way," CNET, October 5, 2020)	N/A		403; A; U; H; R; PK			
TX2547		<a href="https://www.cnet.com/news/samsung-posts-record-quarterly-profit-despite-smartphone-slump/">https://www.cnet.com/news/samsung-posts-record-quarterly-profit-despite-smartphone-slump/</a> ("Samsung Posts Record Quarterly Profit Despite Smartphone Slump," CNET, October 20, 2018)	N/A		403; A; U; H; R; PK			
TX2548		<a href="https://www.cnet.com/pictures/tips-and-tricks-to-get-the-most-out-of-the-pixel-3/">https://www.cnet.com/pictures/tips-and-tricks-to-get-the-most-out-of-the-pixel-3/</a> ("15 Pixel 3 Features You Should Use Right Now," CNET, December 21, 2018)	N/A		403; A; U; H; R; PK			
TX2549		<a href="https://www.cnet.com/reviews/google-nest-home-hub-with-google-assistant-the-best-smart-displayreview/">https://www.cnet.com/reviews/google-nest-home-hub-with-google-assistant-the-best-smart-displayreview/</a> ("Google Nest Hub Review: Google's Nest Hub Smart Display Is Still Great," CNET, October 29, 2020)	N/A		403; A; U; H; R; PK			
TX2550		<a href="https://www.cnet.com/reviews/logitech-slim-devices-squeezebox-review/">https://www.cnet.com/reviews/logitech-slim-devices-squeezebox-review/</a>	N/A		403; A; U; H; R; PK			
TX2551		<a href="https://www.cnet.com/reviews/sonos-play-1-review/">https://www.cnet.com/reviews/sonos-play-1-review/</a> ("Sonos Play:1 Review: Gorgeous Sonos Play:1 Hits The Sweet Spot," CNET, October 14, 2013)	N/A		403; A; U; H; R; PK			
TX2552		<a href="https://www.cnet.com/reviews/sonos-playbar-review/">https://www.cnet.com/reviews/sonos-playbar-review/</a> ("Sonos Playbar Review: A Sound Bar For Sonos Disciples," CNET, March 4, 2013)	N/A		403; A; U; H; R; PK			
TX2553		<a href="https://www.cnet.com/tech/mobile/bet-you-didnt-know-google-pixel-phones-were-this-good/">https://www.cnet.com/tech/mobile/bet-you-didnt-know-google-pixel-phones-were-this-good/</a> ("Bet You Didn't Know Google Pixel Phones Were This Good," CNET, December 21, 2021)	N/A		403; A; U; H; R; PK			



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TRIAL EX.	DATE	DESCRIPTION	BATES BEGIN	GOOGLE'S OBJECTIONS	SONOS'S OBJECTIONS	DATE OFFERED	DATE ADMITTED	LIMITATIONS OF USE
TX2554		<a href="https://www.cnet.com/tech/mobile/google-play-music-all-access-vs-spotify/">https://www.cnet.com/tech/mobile/google-play-music-all-access-vs-spotify/</a> ("Google Play Music All Access vs. Spotify," CNET, May 17, 2013)	N/A		403; A; U; H; R; PK			
TX2555		<a href="https://www.cnet.com/tech/mobile/pixel-6-pro-review-google-flagship-top-iphone-rival-in-2022/">https://www.cnet.com/tech/mobile/pixel-6-pro-review-google-flagship-top-iphone-rival-in-2022/</a> ("Pixel 6 Pro Review: Google's Flagship Is A Top iPhone Rival In 2022," CNET, January 14, 2022)	N/A		403; A; U; H; R; PK			
TX2556		<a href="https://www.cnet.com/tech/tech-industry/sonos-ceo-resigns-amid-high-competition/">https://www.cnet.com/tech/tech-industry/sonos-ceo-resigns-amid-high-competition/</a> ("Sonos CEO Resigns Amid High Competition," CNET, Jan. 10, 2017)	N/A		403; A; U; H; R; PK			
TX2557		<a href="https://www.cnn.com/cnnunderscores/electronics/sonos-legacy-speakers-guide">https://www.cnn.com/cnnunderscores/electronics/sonos-legacy-speakers-guide</a> ("Come June, Sonos Is Splitting Its Ecosystem In Two. Here's What It Means," CNN Underscored, March 17, 2020)	N/A		403; A; U; H; R; PK			
TX2558		<a href="https://www.computerworld.com/article/3239304/what-is-ifttt-how-to-use-if-this-then-that-services.html">https://www.computerworld.com/article/3239304/what-is-ifttt-how-to-use-if-this-then-that-services.html</a> ("What is IFTTT? How To Use If This, Then That Services," by James A. Martin and Matthew Finnegan, ComputerWorld.com website, September 25, 2020)	N/A		403; A; U; H; R; PK			
TX2559		<a href="https://www.consumerreports.org/streaming-music-services/google-play-music-shutting-downhow-to-save-music-a3747399791/">https://www.consumerreports.org/streaming-music-services/google-play-music-shutting-downhow-to-save-music-a3747399791/</a> ("Google Play Music Is Shutting Down. Here's How to Save Your Tunes." Consumer Reports, August 18, 2020)	N/A		403; A; U; H; R; PK			
TX2560		<a href="https://www.coolblue.nl/en/advice/lifespan-smartphone.html">https://www.coolblue.nl/en/advice/lifespan-smartphone.html</a> ("What Is The Average Lifespan Of A Smartphone?" CoolBlue.nl, January 11, 2022)	N/A		403; A; U; H; R; PK			
TX2561		<a href="https://www.dexigner.com/news/5754">https://www.dexigner.com/news/5754</a>	N/A		403; A; U; H; R; PK			
TX2562		<a href="https://www.digitaltrends.com/home/nest-mini-review-2/">https://www.digitaltrends.com/home/nest-mini-review-2/</a> ("Google Nest Mini (2nd Gen) Review: Even Faster, Even Smarter," Digital Trends, July 7, 2021)	N/A		403; A; U; H; R; PK			
TX2563		<a href="https://www.digitaltrends.com/mobile/google-assistant/">https://www.digitaltrends.com/mobile/google-assistant/</a> ("Google Assistant: The Complete History Of The Voice Of Android," Digital Trends, October 31, 2018)	N/A		403; A; U; H; R; PK			
TX2564		<a href="https://www.educba.com/what-is-google-adwords/">https://www.educba.com/what-is-google-adwords/</a> (Thakur, Madhuri, "What is Google AdWords?" EDUCBA website)	N/A		403; A; U; H; R; PK			
TX2565		<a href="https://www.engadget.com/2005-10-25-slim-devices-gives-a-facelift-to-their-squeezebox.html">https://www.engadget.com/2005-10-25-slim-devices-gives-a-facelift-to-their-squeezebox.html</a>	N/A		403; A; U; H; R; PK			
TX2566		<a href="https://www.engadget.com/2011-07-20-dnp-sonos-play-3-compact-streaming-media-hi-fi-gets-official-for.html">https://www.engadget.com/2011-07-20-dnp-sonos-play-3-compact-streaming-media-hi-fi-gets-official-for.html</a> ("Sonos Play:3 Compact Streaming Media Hi-Fi Gets Official For \$299, We Go Ears-On," Engadget, July 20th, 2011)	N/A		403; A; U; H; R; PK			
TX2567		<a href="https://www.engadget.com/google-nest-audio-smart-speaker-new-low-091549030.html">https://www.engadget.com/google-nest-audio-smart-speaker-new-low-091549030.html</a> ("Google's Nest Audio smart speaker hits new low of \$75," Engadget, June 15, 2021)	N/A		403; A; U; H; R; PK			
TX2568		<a href="https://www.fastcompany.com/90454672/this-is-disgusting-angry-sonos-customers-are-calling-for-a-boycott">https://www.fastcompany.com/90454672/this-is-disgusting-angry-sonos-customers-are-calling-for-a-boycott</a> ("This Is Disgusting: Angry Sonos Customers Are Calling For A Boycott," Fastcompany.com, January 22, 2020)	N/A		403; A; DU; U; H; R; PK			
TX2569		<a href="https://www.fastcompany.com/company/google">https://www.fastcompany.com/company/google</a> ("Most Innovative: Google," Fast Company)	N/A		403; A; U; H; R; PK			
TX2570		<a href="https://www.firstpost.com/tech/news-analysis/googles-released-a-seperate-youtube-app-for-android-3576571.html">https://www.firstpost.com/tech/news-analysis/googles-released-a-seperate-youtube-app-for-android-3576571.html</a> ("Google's Released A Seperate YouTube App For Android," Tech2, October 22, 2010)	N/A		403; A; U; H; R; PK			
TX2571		<a href="https://www.forbes.com/sites/bensin/2016/03/08/as-android-phone-profits-dwindle-are-we-heading-toward-future-of-only-iphone-and-chinese-phones/?sh=3b42055e643c">https://www.forbes.com/sites/bensin/2016/03/08/as-android-phone-profits-dwindle-are-we-heading-toward-future-of-only-iphone-and-chinese-phones/?sh=3b42055e643c</a> ("As Android Phone Profits Dwindle, Are We Heading Toward Future Of Only iPhone and Chinese Phones?" Forbes, March 8, 2016)	N/A		403; A; U; H; R; PK			
TX2572		<a href="https://www.forbes.com/sites/forbtechcouncil/2019/07/08/the-rise-of-ai-enabled-smart-speakers-and-theirfuture-in-our-lives/?sh=4b3f51dc35ab">https://www.forbes.com/sites/forbtechcouncil/2019/07/08/the-rise-of-ai-enabled-smart-speakers-and-theirfuture-in-our-lives/?sh=4b3f51dc35ab</a> ("The Rise of AI-Enabled Smart Speakers And Their Future In Our Lives," Forbes, July 8, 2019)	N/A		403; A; U; H; R; PK			

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TX2573		<a href="https://www.forbes.com/sites/forrester/2018/05/09/competing-in-smartphones-demands-more-than-great-hardware-you-need-a-strong-ecosystem/#a9010769bd6d">https://www.forbes.com/sites/forrester/2018/05/09/competing-in-smartphones-demands-more-than-great-hardware-you-need-a-strong-ecosystem/#a9010769bd6d</a> ("Competing In Smartphones Demands More Than Great Hardware -- You Need A Strong Ecosystem," Forbes, May 9, 2018)	N/A		403; A; U; H; R; PK			
TX2574		<a href="https://www.forbes.com/sites/gordonkelly/2017/07/12/google-pixel-2-design-size-cameraprice/?sh=33b9d4f34df1">https://www.forbes.com/sites/gordonkelly/2017/07/12/google-pixel-2-design-size-cameraprice/?sh=33b9d4f34df1</a> ("Google Leak Shows Pixel 2 Is Massive," Forbes, July 12, 2017)	N/A		403; A; U; H; R; PK			
TX2575		<a href="https://www.forbes.com/sites/jasonevangelho/2013/07/24/googles-chromecast-abrilliant-play-for-the-living-room-especially-with-35-price-tag/?sh=787bbb846f13">https://www.forbes.com/sites/jasonevangelho/2013/07/24/googles-chromecast-abrilliant-play-for-the-living-room-especially-with-35-price-tag/?sh=787bbb846f13</a> ("Google's Chromecast A Brilliant Play For The Living Room -- Especially With \$35 Price Tag," Forbes, July 24, 2013)	N/A		403; A; U; H; R; PK			
TX2576		<a href="https://www.geekwire.com/2016/sonos-caught-snoozing-speaker-firm-cuts-staff-amazons-echo-catches-fire/">https://www.geekwire.com/2016/sonos-caught-snoozing-speaker-firm-cuts-staff-amazons-echo-catches-fire/</a> ("Sonos Caught Snoozing: Speaker Company Cuts Jobs As Amazon's Echo Catches Fire," Geekwire, March 10, 2016)	N/A		403; A; U; H; R; PK			
TX2577		<a href="https://www.geekwire.com/2021/amazon-maintains-big-lead-google-apple-u-s-smart-speaker-market-new-study-says/">https://www.geekwire.com/2021/amazon-maintains-big-lead-google-apple-u-s-smart-speaker-market-new-study-says/</a> ("Amazon Maintains Big Lead Over Google and Apple in U.S. smart speaker market," GeekWire, August 4, 2021)	N/A		403; A; U; H; R; PK			
TX2578		WITHDRAWN						
TX2579		<a href="https://www.intellectualventures.com/what-we-do/inventioninvestment-fund">https://www.intellectualventures.com/what-we-do/inventioninvestment-fund</a> (Invention Investment Fund)	N/A		403; A; U; H; R; PK			
TX2580		<a href="https://www.investopedia.com/investing/how-does-sonos-make-money/">https://www.investopedia.com/investing/how-does-sonos-make-money/</a> ("How Sonos Makes Money," Investopedia, July 15, 2021)	N/A		403; A; U; H; R; PK			
TX2581		<a href="https://www.java.com/releases/">https://www.java.com/releases/</a>	N/A		403; A; U; H; R; PK			
TX2582		<a href="https://www.legrand.us/about-us">https://www.legrand.us/about-us</a> ("About Legrand")	N/A		403; A; U; H; R; PK			
TX2583		<a href="https://www.legrand.us/nuvo/update">https://www.legrand.us/nuvo/update</a> ("Your Questions, Answered" Legrand website)	N/A		403; A; U; H; R; PK			
TX2584		<a href="https://www.lifewire.com/use-google-home-and-alexa-together-5205343">https://www.lifewire.com/use-google-home-and-alexa-together-5205343</a> ("Can Google Home and Alexa Work Together?" LifeWire, January 26, 2022)	N/A		403; A; U; H; R; PK			
TX2585		<a href="https://www.nasdaq.com/articles/which-companies-spend-the-most-in-research-and-development-rd-2021-06-21">https://www.nasdaq.com/articles/which-companies-spend-the-most-in-research-and-development-rd-2021-06-21</a> ("Which Companies Spend the Most in Research and Development (R&D)," Nasdaq, June 21, 2021)	N/A		403; A; U; H; R; PK			
TX2586		<a href="https://www.nationalpublicmedia.com/uploads/2020/04/The-Smart-Audio-Report_Spring-2020.pdf">https://www.nationalpublicmedia.com/uploads/2020/04/The-Smart-Audio-Report_Spring-2020.pdf</a> ("The Smart Audio Report," NPR, Spring 2020, Slide 9)	N/A		403; A; U; H; R; PK			
TX2587		<a href="https://www.nielsen.com/us/en/insights/article/2020/ad-supported-audio-presents-a-compelling-opportunity/">https://www.nielsen.com/us/en/insights/article/2020/ad-supported-audio-presents-a-compelling-opportunity/</a> ("Ad-Supported Audio Presents a Compelling Opportunity," Nielsen Media, February 19, 2020)	N/A		403; A; U; H; R; PK			
TX2588		<a href="https://www.nytimes.com/2013/12/13/business/media/a-stream-of-music-not-revenue.html">https://www.nytimes.com/2013/12/13/business/media/a-stream-of-music-not-revenue.html</a> ("A Stream of Music, Not Revenue," The New York Times, December 12, 2013)	N/A		403; A; U; H; R; PK			
TX2589		<a href="https://www.oracle.com/java/technologies/java-archive-javase5-downloads.html">https://www.oracle.com/java/technologies/java-archive-javase5-downloads.html</a>	N/A		403; A; U; H; R; PK			
TX2590		<a href="https://www.pcmag.com/news/rip-google-play-music-users-told-to-migrate-to-youtube-music">https://www.pcmag.com/news/rip-google-play-music-users-told-to-migrate-to-youtube-music</a> ("RIP Google Play Music: Users Told to Migrate to YouTube Music," PC Mag, May 12, 2020)	N/A		403; A; U; H; R; PK			
TX2591		<a href="https://www.pocket-lint.com/apps/news/google/137722-what-is-google-assistant-how-does-it-work-and-which-devices-offer-it/">https://www.pocket-lint.com/apps/news/google/137722-what-is-google-assistant-how-does-it-work-and-which-devices-offer-it/</a> ("What Is Google Assistant And What Can It Do?" Pocket-Lint, May 10, 2022)	N/A		403; A; U; H; R; PK			
TX2592		<a href="https://www.protocol.com/sonos-black-friday-sales-shortages">https://www.protocol.com/sonos-black-friday-sales-shortages</a> ("Supply Chain Pain: Sonos Can't Make Enough Speakers," Protocol.com, November 18, 2021)	N/A		403; A; U; H; R; PK			
TX2593		<a href="https://www.red-dot.org/project/google-home-21880-21879">https://www.red-dot.org/project/google-home-21880-21879</a> ("Google Home," Red Dot, 2018)	N/A		403; A; U; H; R; PK			

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TX2594		<a href="https://www.reuters.com/article/us-huawei-results/chinas-huawei-2017-profit-jump-helped-by-cost-controlssmartphone-sales-idUSKBN1H609Q">https://www.reuters.com/article/us-huawei-results/chinas-huawei-2017-profit-jump-helped-by-cost-controlssmartphone-sales-idUSKBN1H609Q</a> ("China's Huawei 2017 Profit Jump Helped By Cost Controls, Smartphone Sales," Reuters, March 29, 2018)	N/A		403; A; U; H; R; PK			
TX2595		<a href="https://www.reuters.com/article/us-samsung-elec-smartphones-analysis/in-smartphone-mass-marketsamsung-apple-have-margins-on-their-minds-idUSBREA3806J20140409">https://www.reuters.com/article/us-samsung-elec-smartphones-analysis/in-smartphone-mass-marketsamsung-apple-have-margins-on-their-minds-idUSBREA3806J20140409</a> ("In Smartphone Mass-Market, Samsung, Apple Have Margins On Their Minds," Reuters, April 4, 2018)	N/A		403; A; U; H; R; PK			
TX2596		<a href="https://www.seobythesea.com/2011/09/google-picks-up-hardware-and-media-patents-from-outland-research/">https://www.seobythesea.com/2011/09/google-picks-up-hardware-and-media-patents-from-outland-research/</a> ("SEO By The Sea")	N/A		403; A; U; H; R; PK			
TX2597		<a href="https://www.slashgear.com/sonos-play3-official-cheaper-entry-to-the-streamingmusic-club-20166227?utm_campaign=clip">https://www.slashgear.com/sonos-play3-official-cheaper-entry-to-the-streamingmusic-club-20166227?utm_campaign=clip</a> ("Sonos PLAY:3 Official: Cheaper Entry To The Streaming Music Club," Slash Gear, July 20, 2011)	N/A		403; A; U; H; R; PK			
TX2598		<a href="https://www.sonos.com/en-us/how-it-started">https://www.sonos.com/en-us/how-it-started</a> ("How It Started," Sonos website)	N/A		403; A; U; H; R; PK			
TX2599		<a href="https://www.sonos.com/en-us/newsroom/introducing-sonos-playbar">https://www.sonos.com/en-us/newsroom/introducing-sonos-playbar</a> ("Introducing Sonos PLAYBAR," Sonos, February 12, 2013)	N/A		403; A; U; H; R; PK			
TX2600		<a href="https://www.sonos.com/en-us/our-company">https://www.sonos.com/en-us/our-company</a> ("About Sonos," Sonos website)	N/A		403; A; U; H; R; PK			
TX2601		<a href="https://www.sonos.com/en-us/shop">https://www.sonos.com/en-us/shop</a> ("Products," Sonos website)	N/A		403; A; U; H; R; PK			
TX2602		<a href="https://www.statista.com/chart/14610/sonos-unit-sales-and-household-penetration/">https://www.statista.com/chart/14610/sonos-unit-sales-and-household-penetration/</a> ("Sonos Hits The Right Note With Customers," Statista, July 9, 2018)	N/A		403; A; U; H; R; PK			
TX2603		<a href="https://www.statista.com/statistics/289659/youtube-share-of-googletotal-ad-revenues/">https://www.statista.com/statistics/289659/youtube-share-of-googletotal-ad-revenues/</a> ("YouTube's Advertising Revenues As Percentage Of Google's Global Revenues From 2017 To 2021," Statista, February 2022)	N/A		403; A; U; H; R; PK			
TX2604		<a href="https://www.statista.com/statistics/619788/average-smartphone-life">https://www.statista.com/statistics/619788/average-smartphone-life</a> ("Average lifespan (replacement cycle length) of smartphones in the United States from 2014 to 2025," Statista.com, February 1, 2022)	N/A		403; A; U; H; R; PK			
TX2605		<a href="https://www.techaheadcorp.com/blog/what-is-ifttt/">https://www.techaheadcorp.com/blog/what-is-ifttt/</a> ("What is If this, then that (IFTTT)? Everything you need to know," TechAhead website, January 8, 2020)	N/A		403; A; U; H; R; PK			
TX2606		<a href="https://www.techradar.com/reviews/audio-visual/av-accessories/chromecast-audio-1305396/review">https://www.techradar.com/reviews/audio-visual/av-accessories/chromecast-audio-1305396/review</a> ("Chromecast Audio review," January 14, 2019)	N/A		403; A; U; H; R; PK			
TX2607		<a href="https://www.techradar.com/reviews/chromecast-ultra/2">https://www.techradar.com/reviews/chromecast-ultra/2</a> ("Chromecast Ultra Review," Tech Radar, December 2, 2021)	N/A		403; A; U; H; R; PK			
TX2608		<a href="https://www.techradar.com/reviews/chromecast-with-google-tv">https://www.techradar.com/reviews/chromecast-with-google-tv</a> ("Chromecast With Google TV Review," Tech Radar, February 2, 2022)	N/A		403; A; U; H; R; PK			
TX2609		<a href="https://www.techradar.com/reviews/google-home-max">https://www.techradar.com/reviews/google-home-max</a> ("Google Home Max Review," Tech Radar, December 4, 2019)	N/A		403; A; U; H; R; PK			
TX2610		<a href="https://www.techrepublic.com/article/google-assistant-the-smart-persons-guide/">https://www.techrepublic.com/article/google-assistant-the-smart-persons-guide/</a> ("Google Assistant: A Cheat Sheet," TechRepublic, May 19, 2021)	N/A		403; A; U; H; R; PK			
TX2611		<a href="https://www.techrepublic.com/article/google-nest-smart-speakers-a-cheat-sheet/">https://www.techrepublic.com/article/google-nest-smart-speakers-a-cheat-sheet/</a> (Vigliarolo, Brandon, "Google Nest Smart Speakers: A Cheat Sheet," TechRepublic, October 8, 2020)	N/A		403; A; U; H; R; PK			
TX2612		<a href="https://www.theguardian.com/technology/2018/feb/15/sonos-one-review-best-smart-speaker-audiophiles-amazon-alexa">https://www.theguardian.com/technology/2018/feb/15/sonos-one-review-best-smart-speaker-audiophiles-amazon-alexa</a> ("Sonos One Review: The Best Smart Speaker For Audiophiles," The Guardian, February 15, 2018)	N/A		403; A; U; H; R; PK			

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TRIAL EX.	DATE	DESCRIPTION	BATES BEGIN	GOOGLE'S OBJECTIONS	SONOS'S OBJECTIONS	DATE OFFERED	DATE ADMITTED	LIMITATIONS OF USE
TX2613		<a href="https://www.theguardian.com/technology/2020/jan/23/sonos-to-deny-software-updates-to-owners-of-olderequipment#:~:text=Speaker%20company%20Sonos%20will%20cut,newer%20models%2C%20it%20has%20announced">https://www.theguardian.com/technology/2020/jan/23/sonos-to-deny-software-updates-to-owners-of-olderequipment#:~:text=Speaker%20company%20Sonos%20will%20cut,newer%20models%2C%20it%20has%20announced</a> ("Sonos To Deny Software Updates To Owners Of Older Equipment," The Guardian, January 23, 2020)	N/A		403; A; U; H; R; PK			
TX2614		<a href="https://www.theverge.com/2013/7/24/4552204/google-reveals-chromecast-tv-streaming">https://www.theverge.com/2013/7/24/4552204/google-reveals-chromecast-tv-streaming</a> ("Google Reveals Chromecast: Video Streaming To Your TV From Any Device For \$35," The Verge, July 24, 2013)	N/A		403; A; U; H; R; PK			
TX2615		<a href="https://www.theverge.com/2016/10/4/13098438/google-chromecast-ultra-4k-youtube-streaming-device-announced-price">https://www.theverge.com/2016/10/4/13098438/google-chromecast-ultra-4k-youtube-streaming-device-announced-price</a> ("Google Announces Chromecast Ultra, A 4K Version Of Its Streaming Device," The Verge, October 4, 2016)	N/A		403; A; U; H; R; PK			
TX2616		<a href="https://www.theverge.com/2016/10/4/13144486/google-phone-features-pixelsoftware-announced">https://www.theverge.com/2016/10/4/13144486/google-phone-features-pixelsoftware-announced</a> ("These Are The Features That Make Google's New Pixel Phones Special," The Verge, October 4, 2016)	N/A		403; A; U; H; R; PK			
TX2617		<a href="https://www.theverge.com/2016/10/4/13161028/googlephone-announced-pixel-xl-price-release-date-specs">https://www.theverge.com/2016/10/4/13161028/googlephone-announced-pixel-xl-price-release-date-specs</a> ("Pixel 'Phone By Google' announced," The Verge, October 24, 2016)	N/A		403; A; U; H; R; PK			
TX2618		<a href="https://www.theverge.com/2017/10/11/16453788/google-home-mini-smart-speaker-review">https://www.theverge.com/2017/10/11/16453788/google-home-mini-smart-speaker-review</a> ("Google Home Mini Review: Chasing Dots," The Verge, October 11, 2017)	N/A		403; A; U; H; R; PK			
TX2619		<a href="https://www.theverge.com/2017/7/26/16048084/youtube-red-google-play-music-merging">https://www.theverge.com/2017/7/26/16048084/youtube-red-google-play-music-merging</a> ("YouTube's Head Of Music Confirms YouTube Red And Google Play Music Will Merge To Create A New Service," The Verge, July 26, 2017)	N/A		403; A; U; H; R; PK			
TX2620		<a href="https://www.theverge.com/2018/11/14/18093872/google-assistant-smart-home-broadcastreplay-routines">https://www.theverge.com/2018/11/14/18093872/google-assistant-smart-home-broadcastreplay-routines</a> ("The Google Assistant Smart Home Ecosystem Is Slowly Starting To Take Shape," The Verge, November 14, 2018)	N/A		403; A; U; H; R; PK			
TX2621		<a href="https://www.theverge.com/2019/5/7/18530609/google-nest-smart-home-brand-merging-hub-maxrebrand-io-2019">https://www.theverge.com/2019/5/7/18530609/google-nest-smart-home-brand-merging-hub-maxrebrand-io-2019</a> ("Google Nest: Why Google Family Embraced Nest As Its Smart Home Brand," The Verge, May 7, 2019)	N/A		403; A; U; H; R; PK			
TX2622		<a href="https://www.theverge.com/2020/12/14/22175243/google-home-max-discontinued-smart-speaker-support">https://www.theverge.com/2020/12/14/22175243/google-home-max-discontinued-smart-speaker-support</a> ("Google Discontinues The Google Home Max," The Verge, December 14, 2020)	N/A		403; A; U; H; R; PK			
TX2623		<a href="https://www.theverge.com/21495609/google-chromecast-2020-review-streaming-remotecontrol">https://www.theverge.com/21495609/google-chromecast-2020-review-streaming-remotecontrol</a> ("Google Chromecast (2020) Review: Reinvented — And Now With A Remote," Tech Radar, December 2, 2021)	N/A		403; A; U; H; R; PK			
TX2624		<a href="https://www.theverge.com/circuitbreaker/2017/4/20/15364960/google-homespeaker-multi-user-new-feature">https://www.theverge.com/circuitbreaker/2017/4/20/15364960/google-homespeaker-multi-user-new-feature</a> ("Google Home Now Supports Multiple Users, But Still Can't Separate Work And Personal Accounts," The Verge, April 20, 2017)	N/A		403; A; U; H; R; PK			
TX2625		<a href="https://www.tomsguide.com/news/toms-guide-awards-2021-smart-home">https://www.tomsguide.com/news/toms-guide-awards-2021-smart-home</a> ("Tom's Guide Awards 2021: Our Favorite Smart Home Devices This Year," Tom's Guide, July 8, 2021)	N/A		403; A; U; H; R; PK			
TX2626		<a href="https://www.trustedreviews.com/news/trusted-reviews-awards-2021-googleassistant-wins-digital-assistant-of-the-year-4173347#:~:text=Trusted%20Reviews%20Awards%202021%3A%20Google%20Assistant%20wins%20Digital%20Assistant%20of%20the%20Year,-By%20David%20Ludlow&amp;text=Google%20Assistant%20has%20been%20crowned,to%20claim%20the%20top%20prize">https://www.trustedreviews.com/news/trusted-reviews-awards-2021-googleassistant-wins-digital-assistant-of-the-year-4173347#:~:text=Trusted%20Reviews%20Awards%202021%3A%20Google%20Assistant%20wins%20Digital%20Assistant%20of%20the%20Year,-By%20David%20Ludlow&amp;text=Google%20Assistant%20has%20been%20crowned,to%20claim%20the%20top%20prize</a> ("Trusted Reviews Awards 2021: Google Assistant Wins Digital Assistant Of The Year," Trusted Reviews, October 15, 2021)	N/A		403; A; U; H; R; PK			

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TRIAL EX.	DATE	DESCRIPTION	BATES BEGIN	GOOGLE'S OBJECTIONS	SONOS'S OBJECTIONS	DATE OFFERED	DATE ADMITTED	LIMITATIONS OF USE
TX2627		<a href="https://www.walmart.com/ip/Google-Google-Pixel-3-64GB-Not-Pink-Verizon-Unlocked-Refurbished-Grade-A/706346069">https://www.walmart.com/ip/Google-Google-Pixel-3-64GB-Not-Pink-Verizon-Unlocked-Refurbished-Grade-A/706346069</a> ("Google Pixel 3 64GB," Walmart)	N/A		403; A; U; H; R; PK			
TX2628		<a href="https://www.wired.com/2014/04/google-play-music-sonos/">https://www.wired.com/2014/04/google-play-music-sonos/</a> ("Now You Can Stream Google Play Music Through Your Sonos System," Wired, April 10, 2014)	N/A		403; A; U; H; R; PK			
TX2629		<a href="https://www.wired.com/story/google-home-hub-smart-display/">https://www.wired.com/story/google-home-hub-smart-display/</a> ("Google Wants Its New Home Hub to Live in Every Room of Your House," The Wired, October 9, 2018)	N/A		403; A; U; H; R; PK			
TX2630		<a href="https://www.wired.com/story/how-to-set-up-smart-home/">https://www.wired.com/story/how-to-set-up-smart-home/</a> ("The Ultimate Guide to Setting Up Your Smart Home," Wired, July 20, 2021)	N/A		403; A; U; H; R; PK			
TX2631		<a href="https://www.wired.com/story/rip-google-play-music-gone-too-soon/">https://www.wired.com/story/rip-google-play-music-gone-too-soon/</a> ("RIP Google Play Music, Gone Too Soon," Wired, October 31, 2020)	N/A		403; A; U; H; R; PK			
TX2632		<a href="https://www.wired.com/story/what-is-matter/">https://www.wired.com/story/what-is-matter/</a> ("What's the Matter? We Explain the New Smart Home Standard," Wired, April 3, 2022)	N/A		403; A; U; H; R; PK			
TX2633		<a href="https://www.wsj.com/articles/sonos-works-to-grow-malaysia-operation-despite-supplychain-issues-11622214252">https://www.wsj.com/articles/sonos-works-to-grow-malaysia-operation-despite-supplychain-issues-11622214252</a> ("Sonos Works To Grow Malaysia Operation Despite Supply-Chain Issues," TheWallStreetJournal.com, May 28, 2021)	N/A		403; A; U; H; R; PK			
TX2634		<a href="https://www.yahoo.com/video/sonos-ceo-tech-competition-story-175816392.html">https://www.yahoo.com/video/sonos-ceo-tech-competition-story-175816392.html</a> ("Sonos CEO On Tech Competition: We're The Story Of Software Eating Audio," Yahoo Finance, March 10, 2021)	N/A		403; A; U; H; R; PK			
TX2635		<a href="https://www.youtube.com/howyoutubeworks/product-features/recommendations/">https://www.youtube.com/howyoutubeworks/product-features/recommendations/</a>	N/A		403; A; U; H; R; PK			
TX2636		<a href="https://www.youtube.com/watch?v=5-IMSauUPAc">https://www.youtube.com/watch?v=5-IMSauUPAc</a>	N/A		403; A; U; H; R; PK			
TX2637		<a href="https://www.youtube.com/watch?v=Wbys7Zy5ZJM">https://www.youtube.com/watch?v=Wbys7Zy5ZJM</a>	N/A		403; A; U; H; R; PK			
TX2638		<a href="https://www.youtube.com/watch?v=XfExBgofXtk">https://www.youtube.com/watch?v=XfExBgofXtk</a>	N/A		403; A; U; H; R; PK			
TX2639		U.S. Patent Application No. 09/300,139	N/A		403; H; R; PK; U			
TX2640		U.S. Patent Application No. 14/564,025	N/A		403; H; R; PK; U			
TX2641	N/A	U.S. Patent Application No. 14/628,952   Response to Arguments (excerpt)	N/A		403; H; R; PK; U; MIL			
TX2642	N/A	U.S. Patent Application No. 16/383,561   Examiner-Initiated Interview Summary (excerpts)	N/A		403; H; R; PK; U			
TX2643	N/A	U.S. Patent Application No. 16/383,561   Notice of Allowability (excerpts)	N/A		403; H; R; PK; U			
TX2644	N/A	U.S. Patent Application NO. 16/383,561   Notice of Pre-AIA or AIA Status (excerpts)	N/A		403; H; R; PK; U			
TX2645	1/1/2007	U.S. Patent Application No. 2007/0256105	N/A		403; H; R; PK; U			
TX2646	11/11/2004	U.S. Patent Application No. 2004/0223622	N/A		403; H; R; PK; U			
TX2647	4/27/2006	U.S. Patent Application No. 2006/090021	N/A		403; H; R; PK; U			
TX2648	9/26/2013	U.S. Patent Application No. 2013/0251174	N/A		403; H; R; PK; U			
TX2649	N/A	U.S. Patent Application No. 60/206,543	N/A		403; H; R; PK; U			
TX2650		WITHDRAWN						
TX2651	9/12/2006	U.S. Patent Application No. 60/825,407	N/A		403; H; R; PK; U			
TX2652	2/19/2019	U.S. Patent No. 10,209,948	N/A		403; H; R; PK; U			
TX2653	5/28/2019	U.S. Patent No. 10,306,364	N/A		403; H; R; PK; U			
TX2654	6/25/2019	U.S. Patent No. 10,331,399	N/A		403; H; R; PK; U			
TX2655	7/16/2019	U.S. Patent No. 10,356,526	N/A		403; H; R; PK; U			
TX2656	12/24/2019	U.S. Patent No. 10,516,718	N/A		403; H; R; PK; U; MIL			
TX2657	3/1/2022	U.S. Patent No. 11,265,652	N/A		403; H; R; PK; U			
TX2658	7/5/1994	U.S. Patent No. 5,327,554	N/A		403; H; R; PK; U			
TX2659	1/3/1995	U.S. Patent No. 5,379,421	N/A		403; H; R; PK; U			
TX2660	5/13/1997	U.S. Patent No. 5,629,867	N/A		403; H; R; PK; U			
TX2661	2/22/2000	U.S. Patent No. 6,027,700	N/A		403; H; R; PK; U			
TX2662	10/22/2002	U.S. Patent No. 6,469,633	N/A		403; H; R; PK; U			
TX2663	10/29/2002	U.S. Patent No. 6,473,441	N/A		403; H; R; PK; U			
TX2664	3/25/2003	U.S. Patent No. 6,539,210	N/A		403; H; R; PK; U			
TX2665	7/13/2004	U.S. Patent No. 6,762,686	N/A		403; H; R; PK; U; MIL			

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TX2666	8/2/2005	U.S. Patent No. 6,925,495	N/A		403; H; R; PK; U			
TX2667	9/5/2006	U.S. Patent No. 7,103,770	N/A		403; H; R; PK; U			
TX2668	12/26/2006	U.S. Patent No. 7,155,213	N/A		403; H; R; PK; U; MIL			
TX2669	3/27/2009	U.S. Patent No. 7,197,148   Prior Art: Nourse	N/A		403; H; R; PK; U			
TX2670	12/4/2007	U.S. Patent No. 7,305,694	N/A		403; H; R; PK; U			
TX2671	3/4/2008	U.S. Patent No. 7,339,492	N/A		403; H; R; PK; U			
TX2672	3/11/2008	U.S. Patent No. 7,343,435	N/A		403; H; R; PK; U			
TX2673	6/2/2009	U.S. Patent No. 7,542,816	N/A		403; H; R; PK; U			
TX2674	7/14/2009	U.S. Patent No. 7,562,117	N/A		403; H; R; PK; U; MIL			
TX2675	10/13/2009	U.S. Patent No. 7,603,414	N/A		403; H; R; PK; U; MIL			
TX2676	6/8/2010	U.S. Patent No. 7,732,694	N/A		403; H; R; PK; U; MIL			
TX2677	6/8/2010	U.S. Patent No. 7,734,286	N/A		403; H; R; PK; U; MIL			
TX2678	6/8/2010	U.S. Patent No. 7,734,850	N/A		403; H; R; PK; U			
TX2679	9/7/2010	U.S. Patent No. 7,792,311	N/A		403; H; R; PK; U			
TX2680	9/28/2010	U.S. Patent No. 7,805,682	N/A		403; H; R; PK; U			
TX2681	2/8/2011	U.S. Patent No. 7,885,340	N/A		403; H; R; PK; U			
TX2682	7/26/2011	U.S. Patent No. 7,987,294	N/A		403; H; R; PK; U			
TX2683	8/9/2011	U.S. Patent No. 7,995,899	N/A		403; H; R; PK; U			
TX2684	9/20/2011	U.S. Patent No. 8,024,055	N/A		403; H; R; PK; U			
TX2685	1/31/2012	U.S. Patent No. 8,107,639	N/A		403; H; R; PK; U			
TX2686	8/7/2012	U.S. Patent No. 8,239,559	N/A		403; H; R; PK; U			
TX2687	8/28/2012	U.S. Patent No. 8,254,901	N/A		403; H; R; PK; U; MIL			
TX2688	2/5/2013	U.S. Patent No. 8,370,678	N/A		403; H; R; PK; U			
TX2689	6/11/2013	U.S. Patent No. 8,463,912	N/A		403; H; R; PK; U			
TX2690	11/19/2013	U.S. Patent No. 8,588,949	N/A		403; H; R; PK; U			
TX2691	4/1/2014	U.S. Patent No. 8,689,036	N/A		403; H; R; PK; U			
TX2692	6/17/2014	U.S. Patent No. 8,755,667	N/A		403; H; R; PK; U			
TX2693	7/22/2014	U.S. Patent No. 8,788,080	N/A		403; H; R; PK; U			
TX2694	9/9/2014	U.S. Patent No. 8,831,584	N/A		403; H; R; PK; U; MIL			
TX2695	9/23/2014	U.S. Patent No. 8,843,224	N/A		403; H; R; PK; U			
TX2696	10/21/2014	U.S. Patent No. 8,868,698	N/A		403; H; R; PK; U			
TX2697	12/30/2014	U.S. Patent No. 8,923,997	N/A		403; H; R; PK; U			
TX2698	1/20/2015	U.S. Patent No. 8,938,312	N/A		403; H; R; PK; U			
TX2699	1/20/2015	U.S. Patent No. 8,938,637	N/A		403; H; R; PK; U			
TX2700	5/26/2015	U.S. Patent No. 9,042,556	N/A		403; H; R; PK; U			
TX2701	6/16/2015	U.S. Patent No. 9,059,985	N/A		403; H; R; PK; U			
TX2702	9/8/2015	U.S. Patent No. 9,130,771	N/A		403; H; R; PK; U			
TX2703	9/8/2015	U.S. Patent No. 9,131,257	N/A		403; H; R; PK; U			
TX2704	11/24/2015	U.S. Patent No. 9,195,258	N/A		403; H; R; PK; U			
TX2705	12/1/2015	U.S. Patent No. 9,202,509	N/A		403; H; R; PK; U			
TX2706	12/15/2015	U.S. Patent No. 9,213,357	N/A		403; H; R; PK; U			
TX2707	12/22/2015	U.S. Patent No. 9,219,460	N/A		403; H; R; PK; U; MIL			
TX2708	12/22/2015	U.S. Patent No. 9,219,959	N/A		403; H; R; PK; U			
TX2709	12/29/2015	U.S. Patent No. 9,226,073	N/A		403; H; R; PK; U			
TX2710	12/29/2015	U.S. Patent No. 9,226,087	N/A		403; H; R; PK; U			
TX2711	2/2/2016	U.S. Patent No. 9,252,721	N/A		403; H; R; PK; U			
TX2712	5/17/2016	U.S. Patent No. 9,344,206	N/A		403; H; R; PK; U; MIL			
TX2713	6/14/2016	U.S. Patent No. 9,369,749	N/A		403; H; R; PK; U			
TX2714	9/27/2016	U.S. Patent No. 9,456,279	N/A		403; H; R; PK; U; MIL			
TX2715	6/6/2017	U.S. Patent No. 9,671,997	N/A		403; H; R; PK; U			
TX2716		WITHDRAWN						
TX2717	7/4/2017	U.S. Patent No. 9,699,262	N/A		403; H; R; PK; U			
TX2718	8/8/2017	U.S. Patent No. 9,729,115	N/A		403; H; R; PK; U			
TX2719	1/30/2018	U.S. Patent No. 9,883,234	N/A		403; H; R; PK; U			
TX2720		WITHDRAWN						
TX2721	1/8/2008	U.S. Patent No. D559,197	N/A		403; H; R; PK; U			
TX2722		WITHDRAWN						
TX2723	2/10/2005	WO 2005/013047	N/A		403; U; R; PK			
TX2724		Google Source Code   application_manager_impl.cc	TBA		403; H; R; PK; U			

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TX2725		Google Source Code   application_manager_impl.h	TBA		403; U; R; PK			
TX2726		Google Source Code   multizone_manager.cc	TBA		403; U; R; PK			
TX2727		Google Source Code   multizone_manager.h	TBA		403; U; R; PK			
TX2728		Google Source Code   multizone_manager_unittest.cc	TBA		403; U; R; PK			
TX2729		Source code for the Google Test Devices	TBA		403; U; R; PK			
TX2730	10/2/2020	Deposition Transcript of Kevin Annunziato (ITC -1191)	BOSE_SUB-0000602		403; H; R; PK; N			
TX2731	N/A	Sum of Gross Qty (spreadsheet)	BOSE_SUB-0000658		403; H; R; PK; A			
TX2732		WITHDRAWN						
TX2733	N/A	Bose Home Audio - Lifestyle 50 Home Theater System	BOSE_SUB-0002259		403; H; R; PK; A			
TX2734	5/23/2011	Tungsten Spheriod Product Spec	GOOG-SONOSNDCA-00055229		403; H; R; PK; A			
TX2735	1/8/2021	Email from A. Caridis - Subject: Sonos v Google (WDTX) -- Amended Complaint (and attachments)	GOOG-SONOSNDCA-00055306		403; H; R; PK			
TX2736	N/A	Amended Complaint for Patent Infringement (Sonos v. Google, USDC, WDTX, 20-881)	GOOG-SONOSNDCA-00055308		403; H; R; PK; N			
TX2737		WITHDRAWN						
TX2738		WITHDRAWN						
TX2739		WITHDRAWN						
TX2740	N/A	Photo: Nexus Q	GOOG-SONOSNDCA-00056944		H; R; PK			
TX2741	7/10/2019	Prince PE Workshop	GOOG-SONOSNDCA-00059049		403; H; R; PK; A			
TX2742	10/0/2018	Bonito + Sargo Playbook: the phone that gets it done	GOOG-SONOSNDCA-00066811		403; H; R; PK; A			
TX2743	2/0/2019	Google Pixel 3/Pixel 3 XL Churn and User Experience Study	GOOG-SONOSNDCA-00067079		403; H; R; PK; A			
TX2744	5/0/2018	P18 Feature Prioritization Round 2	GOOG-SONOSNDCA-00067247		403; H; R; PK; A			
TX2745	11/0/2019	P3a / P3a XL Owners Study	GOOG-SONOSNDCA-00067485		403; H; R; PK; A			
TX2746	10/0/2018	P19 SW Feature Prioritization   Global Report	GOOG-SONOSNDCA-00067544		403; H; R; PK; A			
TX2747	N/A	Pixel Feature Prioritization	GOOG-SONOSNDCA-00067904		403; H; R; PK; A			
TX2748	2/0/2019	Google P4 Global Feature Prioritization and Brand Positioning	GOOG-SONOSNDCA-00067961		403; H; R; PK; A			
TX2749	4/0/2018	M19 // Bonito + Sargo Master Marketing Playbook	GOOG-SONOSNDCA-00069254		403; H; R; PK; A			
TX2750	0/0/2001	The Computer Glossary: The Complete Illustrated Dictionary	GOOG-SONOSNDCA-00069852		403; H; R; PK; A			
TX2751	1/18/2011	Android Home Automation: Google Music-enabled Home Audio (codename "Tungsten")	GOOG-SONOSNDCA-00070057		403; H; R; PK; A			
TX2752	5/20/2011	Google Balls Product Spec "Tungsten Spheroid"	GOOG-SONOSNDCA-00070099		403; H; R; PK; A			
TX2753		WITHDRAWN						
TX2754		WITHDRAWN						
TX2755		WITHDRAWN						
TX2756	4/0/2019	Google Slates Feature Optimization Research	GOOG-SONOSNDCA-00070921		403; H; R; PK; A			
TX2757	11/0/2018	Atlas Positioning Development	GOOG-SONOSNDCA-00070967		403; H; R; PK; A			
TX2758		WITHDRAWN						
TX2759		WITHDRAWN						
TX2760		WITHDRAWN						
TX2761		WITHDRAWN						
TX2762		WITHDRAWN						
TX2763		WITHDRAWN						
TX2764		WITHDRAWN						
TX2765		WITHDRAWN						
TX2766		WITHDRAWN						
TX2767	11/0/2018	Speakers   Loud vs. Smart Conjoint Results: Does Bass Matter?	GOOG-SONOSNDCA-00073277		403; H; R; PK; A			
TX2768	9/12/2016	Future of Queues (NGW and Orbit)	GOOG-SONOSNDCA-00073341		403; H; R; PK; A			
TX2769		WITHDRAWN						
TX2770		WITHDRAWN						
TX2771		WITHDRAWN						
TX2772		WITHDRAWN						
TX2773		WITHDRAWN						
TX2774		WITHDRAWN						
TX2775		WITHDRAWN						
TX2776		WITHDRAWN						
TX2777		WITHDRAWN						
TX2778	4/29/2012	Email from K. Nelson - Subject: Re: Phantasm: IAN20E is your new Droidfood Build (and attachment)	GOOG-SONOSNDCA-00075527		403; H; R; PK; A			
TX2779		WITHDRAWN						



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TRIAL EX.	DATE	DESCRIPTION	BATES BEGIN	GOOGLE'S OBJECTIONS	SONOS'S OBJECTIONS	DATE OFFERED	DATE ADMITTED	LIMITATIONS OF USE
TX2780		WITHDRAWN						
TX2781		WITHDRAWN						
TX2782		WITHDRAWN						
TX2783		WITHDRAWN						
TX2784		WITHDRAWN						
TX2785		WITHDRAWN						
TX2786		WITHDRAWN						
TX2787		WITHDRAWN						
TX2788		WITHDRAWN						
TX2789		WITHDRAWN						
TX2790		WITHDRAWN						
TX2791		WITHDRAWN						
TX2792		WITHDRAWN						
TX2793		WITHDRAWN						
TX2794		WITHDRAWN						
TX2795		WITHDRAWN						
TX2796		WITHDRAWN						
TX2797		WITHDRAWN						
TX2798		WITHDRAWN						
TX2799		WITHDRAWN						
TX2800		WITHDRAWN						
TX2801	4/0/2019	Edge Streaming and Bandaid CDN	GOOG-SONOSNDCA-00115814		403; H; R; PK; A			
TX2802		WITHDRAWN						
TX2803		WITHDRAWN						
TX2804	10/3/2017	Email from T. Moore - Subject: FW: [EXTERNAL] Completed: 2017-10-02 Sonos-Google Term Sheet (GOOGLE EXECUTED)	GOOG-SONOSNDCA-00116065		403; H; R; PK; A			
TX2805	10/2/2017	DocuSign Certificate of Completion for 2017-10-02 Sonos-Google Term Sheet	GOOG-SONOSNDCA-00116072		H; R; PK; N			
TX2806		WITHDRAWN						
TX2807		WITHDRAWN						
TX2808		WITHDRAWN						
TX2809		WITHDRAWN						
TX2810		WITHDRAWN						
TX2811	N/A	BeginnersGuide - Slim Devices : Community : Wiki	GOOG-SONOSNDCA-00116708		403; H; R; PK; A			
TX2812		WITHDRAWN						
TX2813		WITHDRAWN						
TX2814		WITHDRAWN						
TX2815		WITHDRAWN						
TX2816		WITHDRAWN						
TX2817		WITHDRAWN						
TX2818		WITHDRAWN						
TX2819		WITHDRAWN						
TX2820		WITHDRAWN						
TX2821		WITHDRAWN						
TX2822		WITHDRAWN						
TX2823		WITHDRAWN						
TX2824	4/4/2011	Apple AirPlay: 10 things you need to know	GOOG-SONOSNDCA-00117830		403; H; R; PK; A			
TX2825	N/A	Photo of Dell Computer	GOOG-SONOSNDCA-00117836		403; H; R; PK			
TX2826	N/A	Sonos Digital Music System	GOOG-SONOSNDCA-00117838		403; H; R; PK; A			
TX2827	N/A	Photo of Sonos Digital Music System ZonePlayer ZP100	GOOG-SONOSNDCA-00117842		403; H; R; PK			
TX2828	7/12/2011	Galaxy S II Teardown - Splitting 8.9 mm of the latest Samsung Technologies	GOOG-SONOSNDCA-00117845		403; H; R; PK; A			
TX2829		WITHDRAWN						
TX2830	N/A	Samsung Galaxy Tab review	GOOG-SONOSNDCA-00117888		403; H; R; PK; A			
TX2831	N/A	Photos of Slim Devices Squeezebox2	GOOG-SONOSNDCA-00117901		403; H; R; PK			
TX2832	3/31/2010	Smartphone Silicon: The 2010 CTIA Wireless Show Roundup	GOOG-SONOSNDCA-00117903		403; H; R; PK; A			
TX2833	N/A	Photos of Sonos Digital Music System Controller CR100	GOOG-SONOSNDCA-00117906		403; H; R; PK			
TX2834	N/A	Photos of Sonos Digital Music System Controller CR100	GOOG-SONOSNDCA-00117908		403; H; R; PK			
TX2835	N/A	Photos of Sonos Cradle	GOOG-SONOSNDCA-00117910		403; H; R; PK			



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TX2836	N/A	Photos of Sonos Digital Music System User Guide	GOOG-SONOSNDCA-00117914		403; H; R; PK			
TX2837	2/18/2011	Update: Micromega Launches 'wireless DAC' in the UK, now compatible with AirPlay	GOOG-SONOSNDCA-00117915		403; H; R; PK; A			
TX2838		WITHDRAWN						
TX2839		WITHDRAWN						
TX2840		WITHDRAWN						
TX2841	8/9/2004	Digital audio startup finds edge in open-source code	GOOG-SONOSNDCA-00117942		403; H; R; PK; A			
TX2842	N/A	Native Spreadsheet	GOOG-SONOSNDCA-00117945		H; A; PK; R; INC; BE			
TX2843	7/12/2014	Google I/O 2012 Keynote - Day 1 (Full Transcript)	GOOG-SONOSNDCA-00117946		403; H; R; PK			
TX2844		WITHDRAWN						
TX2845		WITHDRAWN						
TX2846	N/A	SqueezeBox Slim Devices	GOOG-SONOSNDCA-00118140		H; R			
TX2847	N/A	Native Spreadsheet	GOOG-SONOSNDCA-00118147		H; A; PK; R; INC; BE			
TX2848		WITHDRAWN						
TX2849	4/23/2014	Whatever happened to SlimServer?	GOOG-SONOSNDCA-00118149		403; H; R; PK; A			
TX2850		WITHDRAWN						
TX2851		WITHDRAWN						
TX2852		WITHDRAWN						
TX2853	10/18/2006	Logitech Acquires Slim Devices, Pioneer in Network-Based Music Systems	GOOG-SONOSNDCA-00118160		403; H; R; PK			
TX2854	0/0/2005	SoftSqueeze	GOOG-SONOSNDCA-00118162		403; H; R; PK			
TX2855	N/A	SoftSqueeze	GOOG-SONOSNDCA-00118163		403; H; R; PK			
TX2856	11/14/20058	Apple iPod (2005) review	GOOG-SONOSNDCA-00118167		403; H; R; PK			
TX2857	3/25/2005	Apple iPod Photo review: Apple iPod Photo	GOOG-SONOSNDCA-00118173		403; H; R; PK			
TX2858	N/A	Crestron C2N-DAP8RC Digital Audio Processor With Room Control Operations Guide	GOOG-SONOSNDCA-00118185		403; H; R; PK; A			
TX2859	N/A	Cirque du CEDIA...In Pictures	GOOG-SONOSNDCA-00118265		403; H; R; PK			
TX2860	N/A	Crestron Electronics, Inc. - Product Manuals	GOOG-SONOSNDCA-00118267		403; H; R; PK; A			
TX2861	N/A	Crestron Electronics, Inc. - Residential	GOOG-SONOSNDCA-00118295		403; H; R; PK; A			
TX2862	N/A	Crestron Electronics, Inc. - See What Crestron Can Do For Your Home	GOOG-SONOSNDCA-00118297		403; H; R; PK; A			
TX2863	4/15/2003	Crestron responds to Control 4, Adajio at CEDIA	GOOG-SONOSNDCA-00118300		403; H; R; PK			
TX2864	N/A	Total Home Technology - Inside Stories - Esquire House	GOOG-SONOSNDCA-00118318		403; H; R; PK			
TX2865	N/A	Crestron D3 Pro - Reference Guide	GOOG-SONOSNDCA-00118319		H; R; PK			
TX2866	N/A	Download free SoftSqueeze for macOS	GOOG-SONOSNDCA-00118423		403; H; R; PK; A			
TX2867	N/A	Ears Wide Open	GOOG-SONOSNDCA-00118427		403; H; R; PK; A			
TX2868	N/A	GitHub - ralph-irving/softsqueeze3: Logitech Media Server java software player	GOOG-SONOSNDCA-00118431		403; H; R; PK; A			
TX2869	N/A	History of the Ipod - Ipod Wiki	GOOG-SONOSNDCA-00118433		403; H; R; PK; A			
TX2870	N/A	Home Theater Advice Sought - The SawdustZone	GOOG-SONOSNDCA-00118444		403; H; R; PK; A			
TX2871	N/A	How to install SoftSqueeze on Ubuntu	GOOG-SONOSNDCA-00118448		403; H; R; PK; A			
TX2872	N/A	Industry Awards Crestron	GOOG-SONOSNDCA-00118451		403; H; R; PK; A			
TX2873	N/A	A Total Home Technology Publication INTEGRATION AT HOME	GOOG-SONOSNDCA-00118458		403; H; R; PK; A			
TX2874	10/12/2005	iPod nano (2005) review	GOOG-SONOSNDCA-00118486		403; H; R; PK; A			
TX2875	N/A	Java Archive Downloads - Java SE 5	GOOG-SONOSNDCA-00118493		403; H; R; PK; A			
TX2876	N/A	Logitech Media Server - SqueezeboxWiki	GOOG-SONOSNDCA-00118568		403; H; R; PK; A			
TX2877	N/A	Logitech Squeezebox Owner's Guide	GOOG-SONOSNDCA-00118572		403; H; R; PK; A			
TX2878	N/A	Crestron RoomView Software Reference Guide	GOOG-SONOSNDCA-00118604		403; H; R; PK; A			
TX2879	N/A	SoftSqueeze	GOOG-SONOSNDCA-00118688		403; H; R; PK; A			
TX2880	N/A	Satellite Radio Hovers Over CEDIA Expo	GOOG-SONOSNDCA-00118690		403; H; R; PK; A			
TX2881	N/A	Wikipedia Slim Devices	GOOG-SONOSNDCA-00118694		403; H; R; PK; A			
TX2882	N/A	Slim Devices - Wikiwand	GOOG-SONOSNDCA-00118696		403; H; R; PK; A			
TX2883	N/A	Slim Devices 3rd generation Squeezebox open-source-based network music player	GOOG-SONOSNDCA-00118699		403; H; R; PK; A			
TX2884		WITHDRAWN						
TX2885	9/9/2006	Slim Devices Squeezebox WiFi D/A processor	GOOG-SONOSNDCA-00118706		403; H; R; PK; A			
TX2886	N/A	Slim Devices Squeezebox2	GOOG-SONOSNDCA-00118713		403; H; R; PK; A			
TX2887	N/A	SLIMP3 maker intros Squeezebox, SlimServer 5.0	GOOG-SONOSNDCA-00118716		403; H; R; PK; A			
TX2888	N/A	SlimServer - Matt Mullenweg	GOOG-SONOSNDCA-00118717		403; H; R; PK; A			

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TRIAL EX.	DATE	DESCRIPTION	BATES BEGIN	GOOGLE'S OBJECTIONS	SONOS'S OBJECTIONS	DATE OFFERED	DATE ADMITTED	LIMITATIONS OF USE
TX2889	N/A	SoftSqueeze - SqueezeboxWifi	GOOG-SONOSNDCA-00118718		403; H; R; PK; A			
TX2890	N/A	Softsqueeze 3.9.2	GOOG-SONOSNDCA-00118719		403; H; R; PK; A			
TX2891	N/A	Softsqueeze 3.9	GOOG-SONOSNDCA-00118724		403; H; R; PK; A			
TX2892	N/A	Software Roadmap - SqueezeboxWiki	GOOG-SONOSNDCA-00118726		403; H; R; PK; A			
TX2893	10/0/2005	Positive Feedback ISSUE 21 - slim devices - Squeezebox2	GOOG-SONOSNDCA-00118730		403; H; R; PK; A			
TX2894	9/25/2005	Theater At Home: Crestron CEN-iPOD	GOOG-SONOSNDCA-00118737		403; H; R; PK; A			
TX2895	4/0/2007	Positive Feedback ISSUE 30 - My Audio Experience	GOOG-SONOSNDCA-00118739		403; H; R; PK; A			
TX2896	4/23/2014	Whatever happened to SlimServer?	GOOG-SONOSNDCA-00118743		403; H; R; PK; A			
TX2897	N/A	Native Video File	GOOG-SONOSNDCA-00118751		403; H; R; PK; A; BE			
TX2898	N/A	Native Video File	GOOG-SONOSNDCA-00118752		403; H; R; PK; A; BE			
TX2899	N/A	Native Video File	GOOG-SONOSNDCA-00118753		403; H; R; PK; A; BE			
TX2900	N/A	Native Video File	GOOG-SONOSNDCA-00118754		403; H; R; PK; A; BE			
TX2901	N/A	Native Video File	GOOG-SONOSNDCA-00118755		403; H; R; PK; A; BE			
TX2902	N/A	Native Video File	GOOG-SONOSNDCA-00118756		403; H; R; PK; A; BE			
TX2903	N/A	Native Video File	GOOG-SONOSNDCA-00118757		403; H; R; PK; A; BE			
TX2904	N/A	Native Video File	GOOG-SONOSNDCA-00118758		403; H; R; PK; A; BE			
TX2905	N/A	Native Video File	GOOG-SONOSNDCA-00118759		403; H; R; PK; A; BE			
TX2906	N/A	Native Video File	GOOG-SONOSNDCA-00118760		403; H; R; PK; A; BE			
TX2907	N/A	Native Video File	GOOG-SONOSNDCA-00118761		403; H; R; PK; A; BE			
TX2908	N/A	Native Video File	GOOG-SONOSNDCA-00118762		403; H; R; PK; A; BE			
TX2909	N/A	Native Video File	GOOG-SONOSNDCA-00118763		403; H; R; PK; A; BE			
TX2910	N/A	Native Video File	GOOG-SONOSNDCA-00118764		403; H; R; PK; A; BE			
TX2911	N/A	Native Video File	GOOG-SONOSNDCA-00118765		403; H; R; PK; A; BE			
TX2912	N/A	Native Video File	GOOG-SONOSNDCA-00118766		403; H; R; PK; A; BE			
TX2913	N/A	Native Video File	GOOG-SONOSNDCA-00118767		403; H; R; PK; A; BE			
TX2914		WITHDRAWN						
TX2915		Oxford Dictionary of English, 3d Ed.	GOOG-SONOSNDCA-00118792		H; R			
TX2916		Collins Dictionary, 10th Ed.	GOOG-SONOSNDCA-00118799		H; R			
TX2917		<a href="https://www.britannica.com/dictionary/comprise">https://www.britannica.com/dictionary/comprise</a>	GOOG-SONOSNDCA-00118802		H; R			
TX2918		<a href="https://www.dictionary.com/browse/comprising">https://www.dictionary.com/browse/comprising</a>	GOOG-SONOSNDCA-00118803		H; R			
TX2919	N/A	Photos: Google Nest Audio	GOOG-SONOSNDCA-00126244		403; H; R; PK; A; BE			
TX2920	N/A	Photo: Physical prior art systems made available for inspection	GOOG-SONOSNDCA-00126250		403; H; R; PK; A; BE			
TX2921	N/A	Photo: Virtual machine prior art made available for inspection	GOOG-SONOSNDCA-00126251		403; H; R; PK; A; BE			
TX2922	N/A	Photo: Physical prior art systems made available for inspection	GOOG-SONOSNDCA-00126252		403; H; R; PK; A; BE			
TX2923	N/A	Photo: Physical prior art systems made available for inspection	GOOG-SONOSNDCA-00126253		403; H; R; PK; A; BE			
TX2924	N/A	Photo: Physical prior art systems made available for inspection	GOOG-SONOSNDCA-00126254		403; H; R; PK; A; BE			
TX2925	N/A	Photo: Physical prior art systems made available for inspection	GOOG-SONOSNDCA-00126255		403; H; R; PK; A; BE			
TX2926	N/A	Photos: Sonos Controller CR100	GOOG-SONOSNDCA-00126256		403; H; R; PK; A; BE			
TX2927		WITHDRAWN						
TX2928		WITHDRAWN						
TX2929		WITHDRAWN						
TX2930		WITHDRAWN						
TX2931		WITHDRAWN						
TX2932	N/A	Browse all features - Depo Ex. Malackowski 13	GOOG-SONOSWDTX-00008487		403; H; R; PK; A			
TX2933		WITHDRAWN						
TX2934		WITHDRAWN						
TX2935		WITHDRAWN						
TX2936		WITHDRAWN						
TX2937		WITHDRAWN						
TX2938		WITHDRAWN						
TX2939		WITHDRAWN						
TX2940		WITHDRAWN						
TX2941		WITHDRAWN						
TX2942		WITHDRAWN						
TX2943		WITHDRAWN						
TX2944		WITHDRAWN						
TX2945		WITHDRAWN						
TX2946		WITHDRAWN						
TX2947		WITHDRAWN						

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TX2948		WITHDRAWN						
TX2949		WITHDRAWN						
TX2950		WITHDRAWN						
TX2951		WITHDRAWN						
TX2952	N/A	Nexus Q Guidebook	GOOG-SONOSWDTX-00052607		403; H; R; PK; A			
TX2953		WITHDRAWN						
TX2954		WITHDRAWN						
TX2955		WITHDRAWN						
TX2956		WITHDRAWN						
TX2957		WITHDRAWN						
TX2958		WITHDRAWN						
TX2959		WITHDRAWN						
TX2960		WITHDRAWN						
TX2961		WITHDRAWN						
TX2962		WITHDRAWN						
TX2963		WITHDRAWN						
TX2964		WITHDRAWN						
TX2965		WITHDRAWN						
TX2966		WITHDRAWN						
TX2967		WITHDRAWN						
TX2968	7/14/2011	Logitech Squeezebox Radio, Touch Welcome Spotify to the U.S.	GOOG-SONOS-WDTX-INV-00000352		403; H; R; PK; A			
TX2969	N/A	Logitech Squeezebox	GOOG-SONOS-WDTX-INV-00000691		403; H; R; PK; A			
TX2970	N/A	Logitech Squeezebox Radio, Wi-Fi Internet Radio	GOOG-SONOS-WDTX-INV-00000692		403; H; R; PK; A			
TX2971	N/A	Logitech Squeezebox Radio, Wi-Fi Internet Radio Quick Start Guide	GOOG-SONOS-WDTX-INV-00000723		403; H; R; PK; A			
TX2972	12/31/2009	Technogog - Logitech Squeezebox Radio	GOOG-SONOS-WDTX-INV-00000895		403; H; R; PK; A			
TX2973	N/A	Logitech - Getting to Know Logitech Squeezebox Touch, Wi-Fi Music Player	GOOG-SONOS-WDTX-INV-00000909		403; H; R; PK; A			
TX2974	N/A	TechHive - Make Your House Rock From Any Room	GOOG-SONOS-WDTX-INV-00000940		403; H; R; PK; A			
TX2975	N/A	Review: Logitech Squeezebox Touch   Tim Anderson's IT Writing	GOOG-SONOS-WDTX-INV-00000945		403; H; R; PK; A			
TX2976	11/18/2003	PR Newswire - Slim Devices Introduces Slimserver	GOOG-SONOS-WDTX-INV-00000959		403; H; R; PK; A			
TX2977	11/18/2003	PR Newswire - Slim Devices Introduces Squeezebox	GOOG-SONOS-WDTX-INV-00000961		403; H; R; PK; A			
TX2978	N/A	Logitech Squeezebox Owner's Guide	GOOG-SONOS-WDTX-INV-00000963		403; H; R; PK; A			
TX2979	N/A	Squeezebox Network Music Player Owner's Manual	GOOG-SONOS-WDTX-INV-00000995		403; H; R; PK; A			
TX2980	N/A	Logitech Squeezebox Duet Network Music System User Guide	GOOG-SONOS-WDTX-INV-00001017		403; H; R; PK; A			
TX2981	N/A	Getting to know Logitech Squeezebox Touch Wi-Fi Music Player	GOOG-SONOS-WDTX-INV-00001062		403; H; R; PK; A			
TX2982		WITHDRAWN						
TX2983		WITHDRAWN						
TX2984		WITHDRAWN						
TX2985		WITHDRAWN						
TX2986		WITHDRAWN						
TX2987		WITHDRAWN						
TX2988		WITHDRAWN						
TX2989	7/14/2011	Logitech Squeezebox Radio, Touch Welcome Spotify to the U.S.	GOOG-SONOS-WDTX-INV-00015133		403; H; R; PK; A			
TX2990	N/A	Logitech Squeezebox Radio, Wi-Fi Internet Radio Quick Start Guide	GOOG-SONOS-WDTX-INV-00015140		403; H; R; PK; A			
TX2991	12/31/2009	Technogog - Logitech Squeezebox Radio	GOOG-SONOS-WDTX-INV-00015312		403; H; R; PK; A			
TX2992	N/A	Get More Out of your Squeezebox	GOOG-SONOS-WDTX-INV-00015321		403; H; R; PK; A			
TX2993	7/14/2011	Top 5 Spotify Home Systems: From Apple to Zeppelin	GOOG-SONOS-WDTX-INV-00015322		403; H; R; PK; A			
TX2994	N/A	Getting to know Logitech Squeezebox Touch Wi-Fi Music Player - Features Guide	GOOG-SONOS-WDTX-INV-00015325		403; H; R; PK; A			
TX2995	N/A	Logitech Squeezebox Radio Wi-Fi Internet Radio Feature Guide	GOOG-SONOS-WDTX-INV-00015356		403; H; R; PK; A			
TX2996	N/A	Spotify arrive dans les Squeezebox de Logitech	GOOG-SONOS-WDTX-INV-00015387		403; H; R; PK; A			
TX2997	N/A	Review: Logitech Squeezebox Touch   Tim Anderson's IT Writing	GOOG-SONOS-WDTX-INV-00015391		403; H; R; PK; A			
TX2998	7/19/2011	Make Your House Rock From Any Room	GOOG-SONOS-WDTX-INV-00015404		403; H; R; PK; A			
TX2999		WITHDRAWN						
TX3000		WITHDRAWN						
TX3001	11/14/2005	Version 6.2.1 - 2005-11-14	LOGITECH_002167		403; H; R; PK; A			
TX3002	N/A	Command-line information RE SlimServer	LOGITECH_002283		403; H; R; PK; A			
TX3003	N/A	HTTP server information RE SlimServer	LOGITECH_004840		403; H; R; PK; A			
TX3004	N/A	HTTP server information RE SlimServer	LOGITECH_004859		403; H; R; PK; A			

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TX3005	N/A	Squeezebox menu information	LOGITECH_005267		403; H; R; PK; A			
TX3006	N/A	Squeezebox menu information	LOGITECH_005277		403; H; R; PK; A			
TX3007	N/A	SlimServer_V5.3.1 Source Code	LOGITECH_013898		H; R; PK			
TX3008	N/A	SlimServer_V6.2.1 Source Code	LOGITECH_013899		H; R; PK			
TX3009	N/A	SlimServer_V6.3.0 Source Code	LOGITECH_013900		H; R; PK			
TX3010	N/A	SlimMP3 Network MP3 Player	LOGITECH_013901		403; H; R; PK; A			
TX3011	N/A	Squeezebox Owner's Guide	LOGITECH_013921		403; H; R; PK; A			
TX3012	N/A	Squeezebox Owner's Guide	LOGITECH_013949		403; H; R; PK; A			
TX3013		WITHDRAWN						
TX3014		WITHDRAWN						
TX3015		WITHDRAWN						
TX3016		WITHDRAWN						
TX3017	1/10/2011	Pod&iPhone User: Sonos Play:3	SONOS-SVG2-00026305		403; H; R; PK			
TX3018		WITHDRAWN						
TX3019		WITHDRAWN						
TX3020		WITHDRAWN						
TX3021		WITHDRAWN						
TX3022		WITHDRAWN						
TX3023		WITHDRAWN						
TX3024		WITHDRAWN						
TX3025		WITHDRAWN						
TX3026		WITHDRAWN						
TX3027	N/A	Sonos Multi-Room Music Platform	SONOS-SVG2-00027223		403; H; R; PK			
TX3028		WITHDRAWN						
TX3029		WITHDRAWN						
TX3030		WITHDRAWN						
TX3031		WITHDRAWN						
TX3032		WITHDRAWN						
TX3033		WITHDRAWN						
TX3034	10/5/2017	Deposition of Arthur "Tad" L. Corburn (D&M Holdings Inc., etc. vs. Sonos, Inc.)	SONOS-SVG2-00038376		403; H; R; PK			
TX3035		WITHDRAWN						
TX3036		WITHDRAWN						
TX3037		WITHDRAWN						
TX3038		WITHDRAWN						
TX3039		WITHDRAWN						
TX3040		WITHDRAWN						
TX3041	N/A	Annual Brand Tempo Tracker - Sonos	SONOS-SVG2-00053423		403; H; R; PK; MSJ			
TX3042		WITHDRAWN						
TX3043	0/0/2021	Sonos Brand Tempo Tracker	SONOS-SVG2-00053854		403; H; R; PK			
TX3044		WITHDRAWN						
TX3045		WITHDRAWN						
TX3046		WITHDRAWN						
TX3047		WITHDRAWN						
TX3048		WITHDRAWN						
TX3049		WITHDRAWN						
TX3050		WITHDRAWN						
TX3051		WITHDRAWN						
TX3052		WITHDRAWN						
TX3053		WITHDRAWN						
TX3054		WITHDRAWN						
TX3055		WITHDRAWN						
TX3056		WITHDRAWN						
TX3057		WITHDRAWN						
TX3058		WITHDRAWN						
TX3059		MediaRouteProvider overview	SONOS-SVG2-00060025		403; H; R; PK			
TX3060		WITHDRAWN						
TX3061		WITHDRAWN						
TX3062		WITHDRAWN						

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TX3063	8/3/2019	Cast DIRECTLY from Youtube Music app to Sonos speakers	SONOS-SVG2-00062113		403; H; R; PK			
TX3064	10/22/2015	Google Chromcast Audio Review: Easy and Affordable Audio Streaming	SONOS-SVG2-00062252		403; H; R; PK			
TX3065		WITHDRAWN						
TX3066		WITHDRAWN						
TX3067		WITHDRAWN						
TX3068		WITHDRAWN						
TX3069		WITHDRAWN						
TX3070	4/10/2014	Google bakes Chromcast-style support into Play Music	SONOS-SVG2-00062295		403; H; R; PK			
TX3071		WITHDRAWN						
TX3072	4/10/2014	Google Play Music adds built-in Sonos support on Android	SONOS-SVG2-00062302		403; H; R; PK			
TX3073	12/2/2015	Google Play Music: 10 tips and tricks you need to know about	SONOS-SVG2-00062306		403; H; R; PK			
TX3074	N/A	Set your music free with high fidelity, wireless sound	SONOS-SVG2-00062313		403; H; R; PK			
TX3075		WITHDRAWN						
TX3076		WITHDRAWN						
TX3077		WITHDRAWN						
TX3078		WITHDRAWN						
TX3079		WITHDRAWN						
TX3080		WITHDRAWN						
TX3081		WITHDRAWN						
TX3082		WITHDRAWN						
TX3083	4/10/2014	Sonos Adds Google Play Music Support with a Little Bonus	SONOS-SVG2-00062370		403; H; R; PK			
TX3084	4/10/2014	Sonos adds Google Play Music to speakers, lets your control system from Google Play app	SONOS-SVG2-00062376		403; H; R; PK			
TX3085		WITHDRAWN						
TX3086	4/10/2014	Sonos Integrates with Google Play Music, Hints at its Future	SONOS-SVG2-00062388		403; H; R; PK			
TX3087		WITHDRAWN						
TX3088		WITHDRAWN						
TX3089		WITHDRAWN						
TX3090		WITHDRAWN						
TX3091		WITHDRAWN						
TX3092		WITHDRAWN						
TX3093		WITHDRAWN						
TX3094		WITHDRAWN						
TX3095		WITHDRAWN						
TX3096	7/0/2018	ORC International - Sonos Brand Tempo Study - July 2018 v2.4 Final	SONOS-SVG2-00062764		403; H; R; PK			
TX3097	10/4/2018	Sonos - Alpine Pricing and Positioning - Quantitative Phase	SONOS-SVG2-00062840		403; H; R; PK			
TX3098	10/0/2019	Sonos - Annual Brand Tempo Report - August 2019 Executive Summary	SONOS-SVG2-00063114		403; H; R; PK			
TX3099	11/0/2019	Monaco Path to Purchase, Positioning, Pricing Report	SONOS-SVG2-00063289		403; H; R; PK			
TX3100	9/0/2018	Strategy Analytics - Smart Speaker User Survey - Global Results	SONOS-SVG2-00063439		403; H; R; PK			
TX3101		WITHDRAWN						
TX3102		WITHDRAWN						
TX3103		WITHDRAWN						
TX3104		WITHDRAWN						
TX3105		WITHDRAWN						
TX3106		WITHDRAWN						
TX3107		WITHDRAWN						
TX3108		WITHDRAWN						
TX3109		WITHDRAWN						
TX3110		WITHDRAWN						
TX3111		WITHDRAWN						
TX3112		WITHDRAWN						
TX3113		WITHDRAWN						
TX3114		WITHDRAWN						
TX3115		WITHDRAWN						
TX3116		WITHDRAWN						
TX3117		WITHDRAWN						
TX3118		WITHDRAWN						

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TX3119		WITHDRAWN						
TX3120		WITHDRAWN						
TX3121		WITHDRAWN						
TX3122		WITHDRAWN						
TX3123		WITHDRAWN						
TX3124		WITHDRAWN						
TX3125		WITHDRAWN						
TX3126		WITHDRAWN						
TX3127		WITHDRAWN						
TX3128		WITHDRAWN						
TX3129		WITHDRAWN						
TX3130		WITHDRAWN						
TX3131		WITHDRAWN						
TX3132		WITHDRAWN						
TX3133		WITHDRAWN						
TX3134		WITHDRAWN						
TX3135		WITHDRAWN						
TX3136	N/A	App Relaunch and Rebrand	SONOS-SVG2-00081309		403; H; R; PK			
TX3137		WITHDRAWN						
TX3138		WITHDRAWN						
TX3139		WITHDRAWN						
TX3140		WITHDRAWN						
TX3141		WITHDRAWN						
TX3142		WITHDRAWN						
TX3143		WITHDRAWN						
TX3144		WITHDRAWN						
TX3145	N/A	Email from K. Bender - Subject: Fwd: Biggie Coverage Report   5PM - Depo Ex. Bender 4	SONOS-SVG2-00086837		403; H; R; PK			
TX3146		WITHDRAWN						
TX3147		WITHDRAWN						
TX3148		WITHDRAWN						
TX3149		WITHDRAWN						
TX3150		WITHDRAWN						
TX3151		WITHDRAWN						
TX3152		WITHDRAWN						
TX3153		WITHDRAWN						
TX3154		WITHDRAWN						
TX3155		WITHDRAWN						
TX3156		WITHDRAWN						
TX3157	1/3/2011	T3 The Gadget Magazine - Music Streamers	SONOS-SVG2-00113386		403; H; R; PK; A			
TX3158	1/3/2011	Top 10 Hi-Fi	SONOS-SVG2-00113396		403; H; R; PK; A			
TX3159	N/A	Inquirer Survey 2010	SONOS-SVG2-00115564		403; H; R; PK; A			
TX3160	1/2/2010	What HiFi? - Sound and Vision Magazine	SONOS-SVG2-00115732		403; H; R; PK; A			
TX3161	4/27/2010	French Article: Musique a tous les etages!	SONOS-SVG2-00115859		403; H; R; PK; A			
TX3162	5/6/2010	Ein Soundteppich fur die ganze Wohnung	SONOS-SVG2-00115861		403; H; R; PK; A			
TX3163	5/1/2010	Masters of the old fashioned lead the way in producing hi-fi of the future	SONOS-SVG2-00115863		403; H; R; PK; A			
TX3164	4/27/2010	Email from F. Schillmoeller - Subject: EMEA - Sonos in the News (and all attachments)	SONOS-SVG2-00115950		403; H; R; PK; A			
TX3165	1/4/2010	What HiFi? - Sound and Vision magazine   Dare to Stream	SONOS-SVG2-00116070		403; H; R; PK; A			
TX3166	0/0/2010	Teamplayers - multiroom audiodistributiesystemen	SONOS-SVG2-00117229		403; H; R; PK; A			
TX3167	9/8/2011	Sonos User Experience Home Theater Research - Findings & Recommendations	SONOS-SVG2-00121763		403; H; R; PK; A			
TX3168	1/29/2010	Consumer Electronics Trend Report - CES/IFA/CEDIA	SONOS-SVG2-00123276		403; H; R; PK; A			
TX3169	5/16/2011	Email from T. Meyer - Subject AMPAC: Sonos in the News	SONOS-SVG2-00123706		403; H; R; PK; A			
TX3170	1/4/2011	What HiFi? Sound and Vision Magazine - Network Streaming Future Hi-Fi	SONOS-SVG2-00128331		403; H; R; PK; A			
TX3171	1/3/2011	T3 The Gadget Magazine - Music Streamers	SONOS-SVG2-00128456		403; H; R; PK; A			
TX3172	1/3/2011	Top 10 Hi-Fi	SONOS-SVG2-00128464		403; H; R; PK; A			
TX3173	0/0/2010	Inquirer Survey 2010	SONOS-SVG2-00133429		403; H; R; PK; A			

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TX3174	5/6/2010	Ein Soundteppich für die ganze Wohnung	SONOS-SVG2-00133704		403; H; R; PK; A			
TX3175	5/1/2020	Masters of the old fashioned lead the way in producing hi-fi of the future	SONOS-SVG2-00133706		403; H; R; PK; A			
TX3176	1/9/2010	Home Cinema Choice - Ready to Serve	SONOS-SVG2-00134611		403; H; R; PK; A			
TX3177		WITHDRAWN						
TX3178		WITHDRAWN						
TX3179		WITHDRAWN						
TX3180		WITHDRAWN						
TX3181		WITHDRAWN						
TX3182		WITHDRAWN						
TX3183		WITHDRAWN						
TX3184		WITHDRAWN						
TX3185		WITHDRAWN						
TX3186	3/13/2015	Email from M. Mott - Subject: Music Partner - Progress, Prioritization & Process Offsite - Day 2 - Depo Ex. Kwasizur 14	SONOS-SVG2-00198096		403; H; R; PK			
TX3187	N/A	Sonos Cross Music Service Content Program - Depo Ex. Kwasizur 15	SONOS-SVG2-00198098		403; H; R; PK			
TX3188	N/A	Sonos Innovation - Sonos Legal - Innovation + IP + Corporate - Depo Ex. Kwasizur 16	SONOS-SVG2-00198101		403; H; R; PK			
TX3189	N/A	Music Partner: Progress, Prioritization & Process - Depo Ex. Kwasizur 17	SONOS-SVG2-00198106		403; H; R; PK			
TX3190		WITHDRAWN						
TX3191		WITHDRAWN						
TX3192		WITHDRAWN						
TX3193		WITHDRAWN						
TX3194	1/2/2010	What Hi-Fi? Sound and Vision Magazine   Pick your premier Stream Team	SONOS-SVG2-00222223		403; H; R; PK; A			
TX3195		WITHDRAWN						
TX3196	12/31/2021	Alphabet Inc. Form 10-K	SONOS-SVG2-00225695		H; R; PK			
TX3197		WITHDRAWN						
TX3198		WITHDRAWN						
TX3199		WITHDRAWN						
TX3200		WITHDRAWN						
TX3201		WITHDRAWN						
TX3202		WITHDRAWN						
TX3203		WITHDRAWN						
TX3204		WITHDRAWN						
TX3205		WITHDRAWN						
TX3206		WITHDRAWN						
TX3207		WITHDRAWN						
TX3208		WITHDRAWN						
TX3209		WITHDRAWN						
TX3210		WITHDRAWN						
TX3211		WITHDRAWN						
TX3212		WITHDRAWN						
TX3213		WITHDRAWN						
TX3214		WITHDRAWN						
TX3215		WITHDRAWN						
TX3216		WITHDRAWN						
TX3217		WITHDRAWN						
TX3218		WITHDRAWN						
TX3219		WITHDRAWN						
TX3220		WITHDRAWN						
TX3221		WITHDRAWN						
TX3222		WITHDRAWN						
TX3223		WITHDRAWN						
TX3224		WITHDRAWN						
TX3225		WITHDRAWN						
TX3226		WITHDRAWN						
TX3227		WITHDRAWN						
TX3228		WITHDRAWN						

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TX3229		WITHDRAWN						
TX3230		WITHDRAWN						
TX3231		WITHDRAWN						
TX3232		WITHDRAWN						
TX3233		WITHDRAWN						
TX3234		WITHDRAWN						
TX3235		WITHDRAWN						
TX3236		WITHDRAWN						
TX3237		WITHDRAWN						
TX3238		WITHDRAWN						
TX3239		WITHDRAWN						
TX3240		"1st-Gen Chromecast Stops Receiving Major Updates, PC Mag, August 27, 2019 (accessed: <a href="https://www.pcmag.com/news/1st-gen-chromecast-stops-receiving-major-updates">https://www.pcmag.com/news/1st-gen-chromecast-stops-receiving-major-updates</a> )	N/A		403; A; U; H; R; PK			
TX3241		"20 Chromecast Tips And Tricks," CNET, December 17, 2018 (accessed: <a href="https://www.cnet.com/home/smart-home/chromecast-tips-and-tricks/">https://www.cnet.com/home/smart-home/chromecast-tips-and-tricks/</a> )	N/A		403; A; U; H; R; PK			
TX3242		"A look Inside Nest Wifi, Google Store, (accessed: <a href="https://store.google.com/product/nest_wifi_specs?hl=en-US">https://store.google.com/product/nest_wifi_specs?hl=en-US</a> )	N/A		403; A; U; H; R; PK			
TX3243		"Aamoth, Doug "It's Official: Google Has Acquired Motorola Mobility" TIME, May 22, 2012 (accessed: <a href="https://techland.time.com/2012/05/22/its-official-google-has-acquire-motorola-mobility/">https://techland.time.com/2012/05/22/its-official-google-has-acquire-motorola-mobility/</a> )	N/A		403; A; U; H; R; PK			
TX3244		"Acemoglu, Laibson, and List. Microeconomics, Second Edition (2018)	GOOG-SONOSNDCA-00118926		403; U; H; PK			
TX3245		"All Google Pixel Phones Released So Far, Android Authority, October 6, 2022 (accessed: <a href="https://www.androidauthority.com/google-phones-835059/">https://www.androidauthority.com/google-phones-835059/</a> )	N/A		403; A; U; H; R; PK			
TX3246		"AllCast - Premium, Google Play Store (accessed: <a href="https://play.google.com/store/apps/details?id=com.koushikdutta.cast.license&amp;hl=en_US&amp;gl=US">https://play.google.com/store/apps/details?id=com.koushikdutta.cast.license&amp;hl=en_US&amp;gl=US</a> )	N/A		403; A; U; H; R; PK			
TX3247		"AllCast (accessed: <a href="https://www.allcast.io/">https://www.allcast.io/</a> )	N/A		403; A; U; H; R; PK			
TX3248		"AllCast, Google Play Store (accessed: <a href="https://play.google.com/store/apps/details?id=com.koushikdutta.cast&amp;hl=en_US&amp;gl=US">https://play.google.com/store/apps/details?id=com.koushikdutta.cast&amp;hl=en_US&amp;gl=US</a> )	N/A		403; A; U; H; R; PK			
TX3249		"Allen, Bruce, Neil Doherty, Keith Weigelt, and Edwin Mansfield, "Chapter 5: Estimating Demand Functions," Managerial Economics: Theory, Applications, and Cases. New York: W.W. Norton, 2002	GOOG-SONOSNDCA-00119286		403; U; H; PK			
TX3250		"Amp, Sonos website (accessed: <a href="https://www.sonos.com/en-us/shop/amp">https://www.sonos.com/en-us/shop/amp</a> )	N/A		403; A; U; H; R; PK			
TX3251		"Chromecast Audio Review: The Ultimate Audio Streaming Dongle Is Better Than Ever," CNET, July 22, 2017 (accessed: <a href="https://www.cnet.com/reviews/chromecast-audio-review/">https://www.cnet.com/reviews/chromecast-audio-review/</a> )	N/A		403; A; U; H; R; PK			
TX3252		"Everything The Google Home Hub Can Do," CNET, October 22, 2018 (accessed: <a href="https://www.cnet.com/pictures/everything-the-google-home-hub-can-do/">https://www.cnet.com/pictures/everything-the-google-home-hub-can-do/</a> )	N/A		403; A; U; H; R; PK			
TX3253		"Google Chromecast (2018) Review: Streaming Strictly For Phone-Happy Google Fans," CNET, October 26, 2018 (accessed: <a href="https://www.cnet.com/reviews/google-chromecast-2018-review/">https://www.cnet.com/reviews/google-chromecast-2018-review/</a> )	N/A		403; A; U; H; R; PK			
TX3254		"Google Chromecast Is All-New, Sort Of," CNET, October 9, 2018 (accessed: <a href="https://www.cnet.com/reviews/google-chromecast-2018-preview/">https://www.cnet.com/reviews/google-chromecast-2018-preview/</a> )	N/A		403; A; U; H; R; PK			
TX3255		"Google Home Hub Joins The Fight To Put A Screen On Your Countertop," CNET, October 9, 2018 (accessed: <a href="https://www.cnet.com/reviews/google-nest-hub-preview/">https://www.cnet.com/reviews/google-nest-hub-preview/</a> )	N/A		403; A; U; H; R; PK			
TX3256		"Google Home Hub Says No To Smart-Home Cameras In Your Bedroom," CNET, October 11, 2018 (accessed: <a href="https://www.cnet.com/home/smart-home/google-home-hub-says-no-to-smart-home-cameras-in-your-bedroom/">https://www.cnet.com/home/smart-home/google-home-hub-says-no-to-smart-home-cameras-in-your-bedroom/</a> )	N/A		403; A; U; H; R; PK			



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TX3257		"Google Home Mini Review: A Great Alternative To The Amazon Echo Dot," CNET, May 21, 2018 (accessed: <a href="https://www.cnet.com/reviews/google-home-mini-review/">https://www.cnet.com/reviews/google-home-mini-review/</a> )	N/A		403; A; U; H; R; PK			
TX3258		"Google Home Mini Sounds Great But Lacks Vision," CNET, October 9, 2017 (accessed: <a href="https://www.cnet.com/home/smart-home/google-home-minireview/">https://www.cnet.com/home/smart-home/google-home-minireview/</a> )	N/A		403; A; U; H; R; PK			
TX3259		"Google Nest Mini Review: Google's Smallest Smart Speaker Keeps Getting Better," CNET, October 17, 2019 (accessed: <a href="https://www.cnet.com/reviews/google-nest-mini-review/">https://www.cnet.com/reviews/google-nest-mini-review/</a> )	N/A		403; A; U; H; R; PK			
TX3260		"Google Pixel 2 Review: Pixel Still Has An Amazing Camera, But Its Followup Is Expected Later This Year," CNET, June 6, 2018 (accessed: <a href="https://www.cnet.com/reviews/google-pixel-2-review/">https://www.cnet.com/reviews/google-pixel-2-review/</a> )	N/A		403; A; U; H; R; PK			
TX3261		"Google Pixel 2 XL Review: Promising Phone With New Caveats," CNET, October 26, 2017 (accessed: <a href="https://www.cnet.com/tech/mobile/google-pixel-2-xl-review/">https://www.cnet.com/tech/mobile/google-pixel-2-xl-review/</a> )	N/A		403; A; U; H; R; PK			
TX3262		"Google Pixel Review: Pure Android At Its Absolute Best," CNET, October 18, 2016 (accessed: <a href="https://www.cnet.com/reviews/google-pixel-review/">https://www.cnet.com/reviews/google-pixel-review/</a> )	N/A		403; A; U; H; R; PK			
TX3263		"Google Pixel XL Review: Just Like The Pixel, Only Bigger," CNET, October 18, 2016 (accessed: <a href="https://www.cnet.com/reviews/google-pixel-xl-review/">https://www.cnet.com/reviews/google-pixel-xl-review/</a> )	N/A		403; A; U; H; R; PK			
TX3264	9/22/2010	"Google turns 8," CNET, <a href="https://www.cnet.com/pictures/google-news-turns-8-images/">https://www.cnet.com/pictures/google-news-turns-8-images/</a>	N/A		403; A; U; H; R; PK			
TX3265	4/1/2016	"Happy Birthday, Gmail!," Bustle, <a href="https://www.bustle.com/articles/151430-heres-what-gmail-looked-like-in-2004-the-year-your-favorite-inbox-was-born">https://www.bustle.com/articles/151430-heres-what-gmail-looked-like-in-2004-the-year-your-favorite-inbox-was-born</a>	N/A		403; A; U; H; R; PK			
TX3266		"LocalCast: stream to TV," Google Play Store (accessed: <a href="https://play.google.com/store/apps/details?id=de.stefanpldl.localcast">https://play.google.com/store/apps/details?id=de.stefanpldl.localcast</a> )	N/A		403; A; U; H; R; PK			
TX3267		"Nest Mini: Say Hello To The Newest (And Smallest) Google Assistant Smart Speaker," CNET, October 15, 2019. (accessed: <a href="https://www.cnet.com/home/smart-home/nest-mini-say-hello-to-the-newest-and-smallest-google-assistant-smart-speaker/">https://www.cnet.com/home/smart-home/nest-mini-say-hello-to-the-newest-and-smallest-google-assistant-smart-speaker/</a> )	N/A		403; A; U; H; R; PK			
TX3268		"Screen Mirroring - TV Miracast," Google Play Store (accessed: <a href="https://play.google.com/store/apps/details?id=com.studiosoolter.screenmirroring.miracast.apps&amp;hl=en_US&amp;gl=US">https://play.google.com/store/apps/details?id=com.studiosoolter.screenmirroring.miracast.apps&amp;hl=en_US&amp;gl=US</a> )	N/A		403; A; U; H; R; PK			
TX3269		"What The Google Home Hub Lacks In Size, It Makes Up For In Substance," CNET, October 22, 2018 (accessed: <a href="https://www.cnet.com/pictures/what-the-google-home-hub-lacks-in-size-it-makes-up-for-in-substance/">https://www.cnet.com/pictures/what-the-google-home-hub-lacks-in-size-it-makes-up-for-in-substance/</a> )	N/A		403; A; U; H; R; PK			
TX3270		"15 Pixel 3 Features You Should Use Right Now," CNET, December 21, 2018 (accessed: <a href="https://www.cnet.com/pictures/tips-and-tricks-to-get-the-mostout-of-the-pixel-3/">https://www.cnet.com/pictures/tips-and-tricks-to-get-the-mostout-of-the-pixel-3/</a> )	N/A		403; A; U; H; R; PK			
TX3271		"7 Cool Pixel Features You Can't Get on Other Android Phones," Gizmodo, July 19, 2021 (accessed: <a href="https://gizmodo.com/7-cool-pixel-features-you-cant-get-on-other-android-pho-1847305877">https://gizmodo.com/7-cool-pixel-features-you-cant-get-on-other-android-pho-1847305877</a> )	N/A		403; A; U; H; R; PK			
TX3272		"A Stream of Music, Not Revenue," The New York Times, December 12, 2013 (accessed: <a href="https://www.nytimes.com/2013/12/13/business/media/a-stream-of-music-not-revenue.html">https://www.nytimes.com/2013/12/13/business/media/a-stream-of-music-not-revenue.html</a> )	N/A		403; A; U; H; R; PK			
TX3273		"A Timeline of Voice Assistant and Smart Speaker Technology From 1961 to Today," Voicebot.ai, March 28, 2018 (accessed: <a href="https://voicebot.ai/2018/03/28/timeline-voice-assistant-smart-speaker-technology-1961-today/">https://voicebot.ai/2018/03/28/timeline-voice-assistant-smart-speaker-technology-1961-today/</a> )	N/A		403; A; U; H; R; PK			

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TX3274		"About Chromecast with Google TV," Google Support website (accessed: <a href="https://support.google.com/fiber/answer/12244429?hl=en#:~:text=What%20is%20Chromecast%20with%20Google,control%20some%20smart%20home%20devices">https://support.google.com/fiber/answer/12244429?hl=en#:~:text=What%20is%20Chromecast%20with%20Google,control%20some%20smart%20home%20devices</a> )	N/A		403; A; U; H; R; PK			
TX3275		"About Legrand" (accessed: <a href="https://www.legrand.us/about-us">https://www.legrand.us/about-us</a> )	N/A		403; A; U; H; R; PK			
TX3276		"About Sonos," Sonos website (accessed: <a href="https://www.sonos.com/en-us/our-company">https://www.sonos.com/en-us/our-company</a> )	N/A		403; A; U; H; R; PK			
TX3277		"Acquired Portfolios," AST website (accessed: <a href="https://www.ast.com/acquired-portfolios/">https://www.ast.com/acquired-portfolios/</a> )	N/A		403; A; U; H; R; PK			
TX3278		"Alexa Finds New Home In Sonos Speaker," CNN Money, October 4, 2017 (accessed: <a href="https://money.cnn.com/2017/10/04/technology/sonos-one-speaker-alexa/index.html">https://money.cnn.com/2017/10/04/technology/sonos-one-speaker-alexa/index.html</a> )	N/A		403; A; U; H; R; PK			
TX3279		"Alexa is Now Even Smarter—New Features Help Make Everyday Life More Convenient, Safe, and Entertaining," Amazon Press Center, September 20, 2018 (accessed: <a href="https://press.aboutamazon.com/2018/9/alexa-is-now-even-smarter-new-features-help-make-everyday-life-more-convenient-safe-and-entertaining">https://press.aboutamazon.com/2018/9/alexa-is-now-even-smarter-new-features-help-make-everyday-life-more-convenient-safe-and-entertaining</a> )	N/A		403; A; U; H; R; PK			
TX3280		"Alexa Might Not Get Much Smarter Than It Is Right Now," Wired, November 12, 2022 (accessed: <a href="https://www.wired.com/story/amazon-alexa-reportedly-losing-money/">https://www.wired.com/story/amazon-alexa-reportedly-losing-money/</a> )	N/A		403; A; U; H; R; PK			
TX3281		"Alexa, Why Are You Losing So Much Money," Popular Science, November 23, 2022 (accessed: <a href="https://www.popsi.com/technology/amazon-alexa-lose-money/">https://www.popsi.com/technology/amazon-alexa-lose-money/</a> )	N/A		403; A; U; H; R; PK			
TX3282		"Alphabet Continues to Lead the Online Ad Space," Morningstar Equity Research, April 8, 2021	GOOG-SONOSNDCA-00119334		403; A; U; H; R; PK			
TX3283		"Alphabet Inc. (GOOGL)," Zacks Equity Research, April 18, 202	GOOG-SONOSNDCA-00119363		403; A; U; H; R; PK			
TX3284		"Alphabet Inc.," MarketLine, May 2022	GOOG-SONOSNDCA-00119776		403; A; U; H; R; PK			
TX3285		"Amazon Alexa Is A 'Colossal Failure,' On Pace To Lose \$10 Billion This Year," Ars Technica, November 21, 2022 (accessed: <a href="https://arstechnica.com/gadgets/2022/11/amazon-alexa-is-a-colossal-failure-on-pace-to-lose-10-billion-this-year/">https://arstechnica.com/gadgets/2022/11/amazon-alexa-is-a-colossal-failure-on-pace-to-lose-10-billion-this-year/</a> )	N/A		403; A; U; H; R; PK			
TX3286		"Amazon Alexa Is A Money Loser As AI, NLU, And Conversational Teams Heavily Hit By Layoffs," 9to5Google, November 19, 2022 (accessed: <a href="https://9to5google.com/2022/11/19/amazon-alexa-layoffs/">https://9to5google.com/2022/11/19/amazon-alexa-layoffs/</a> )	N/A		403; A; U; H; R; PK			
TX3287		"Amazon Maintains Big Lead Over Google and Apple in U.S. smart speaker market," GeekWire, August 4, 2021 (accessed: <a href="https://www.geekwire.com/2021/amazon-maintains-big-lead-google-apple-u-s-smart-speakermarket-new-study-says/">https://www.geekwire.com/2021/amazon-maintains-big-lead-google-apple-u-s-smart-speakermarket-new-study-says/</a> )	N/A		403; A; U; H; R; PK			
TX3288		"Apple Computer: iPhone Is A Show Stopper; Raising Estimates And PT," Deutsche Bank, January 9, 2007	GOOG-SONOSNDCA-00119960		403; A; U; H; R; PK			
TX3289		"Artificial Intelligence Powering Google Products: How AI is Deeply Integrated into Google Products," September 9, 2020 (accessed: <a href="https://towardsdatascience.com/artificial-intelligence-powering-google-products-18e191da88d0">https://towardsdatascience.com/artificial-intelligence-powering-google-products-18e191da88d0</a> )	N/A		403; A; U; H; R; PK			
TX3290		"As Android Phone Profits Dwindle, Are We Heading Toward Future Of Only iPhone and Chinese Phones?" Forbes, March 8, 2016 (accessed: <a href="https://www.forbes.com/sites/bensin/2016/03/08/as-android-phone-profits-dwindle-are-we-heading-towardfuture-of-only-iphone-and-chinese-phones/#41541b9643ca">https://www.forbes.com/sites/bensin/2016/03/08/as-android-phone-profits-dwindle-are-we-heading-towardfuture-of-only-iphone-and-chinese-phones/#41541b9643ca</a> )	N/A		403; A; U; H; R; PK			
TX3291		"Average Lifespan (Replacement Cycle Length) Of Smartphones In The United States From 2014 to 2025," Statista.com, February 1, 2022, <a href="https://www.statista.com/statistics/619788/average-smartphone-life/">https://www.statista.com/statistics/619788/average-smartphone-life/</a>	N/A		403; A; U; H; R; PK			
TX3292		"Best Smart Speakers for 2022," CNET (accessed: <a href="https://www.cnet.com/home/smart-home/best-smartspeaker/">https://www.cnet.com/home/smart-home/best-smartspeaker/</a> )	N/A		403; A; U; H; R; PK			

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TX3293		"Bet You Didn't Know Google Pixel Phones Were This Good," CNET, December 21, 2021 (accessed: <a href="https://www.cnet.com/tech/mobile/bet-you-didnt-know-google-pixel-phones-were-this-good/">https://www.cnet.com/tech/mobile/bet-you-didnt-know-google-pixel-phones-were-this-good/</a> )	N/A		403; A; U; H; R; PK			
TX3294		"Big Picture Planning: Understanding Value In A Multi-Screen World," Facebook IQ, April 2018 (accessed: <a href="https://www.enuovo.com.br/downloads/pdf/Facebook-IQ-Big-Picture-Planning-april-2018.pdf">https://www.enuovo.com.br/downloads/pdf/Facebook-IQ-Big-Picture-Planning-april-2018.pdf</a> )	N/A		403; A; U; H; R; PK			
TX3295		"Can Google Home and Alexa Work Together?" LifeWire, January 26, 2022 (accessed: <a href="https://www.lifewire.com/use-google-home-and-alexa-together-5205343">https://www.lifewire.com/use-google-home-and-alexa-together-5205343</a> )	N/A		403; A; U; H; R; PK			
TX3296		"Can I Use The Google Nest Audio Outside," Smart Home Starter website, January 26, 2022 (accessed: <a href="https://smarthomestarter.com/can-i-use-the-google-nest-audio-outside/">https://smarthomestarter.com/can-i-use-the-google-nest-audio-outside/</a> )	N/A		403; A; U; H; R; PK			
TX3297		"Cash Flow Definition," October 9, 2022 (accessed: <a href="https://www.accountingtools.com/articles/what-is-cash-flow.html">https://www.accountingtools.com/articles/what-is-cash-flow.html</a> )	N/A		403; A; U; H; R; PK			
TX3298		"Chapter 2: Competition Concerns When Patents Are Incorporated into Collaboratively Set Standards," Antitrust Enforcement and Intellectual Property Rights: Promoting Innovation and Competition (2007), U.S. Department of Justice & Federal Trade Commission, April 2007	GOOG-SONOSNDCA-00120076		403; U; H; R; PK			
TX3299		"China's Huawei 2017 Profit Jump Helped By Cost Controls, Smartphone Sales," Reuters, March 29, 2018 (accessed: <a href="https://www.reuters.com/article/us-huawei-results/chinas-huawei-2017-profit-jump-helped-by-cost-controlssmartphone-sales-idUSKBN1H609Q">https://www.reuters.com/article/us-huawei-results/chinas-huawei-2017-profit-jump-helped-by-cost-controlssmartphone-sales-idUSKBN1H609Q</a> )	N/A		403; A; U; H; R; PK			
TX3300		"Chromecast Ultra Review," Tech Radar, December 2, 2021 (accessed: <a href="https://www.techradar.com/reviews/chromecast-ultra/2">https://www.techradar.com/reviews/chromecast-ultra/2</a> )	N/A		403; A; U; H; R; PK			
TX3301		"Chromecast With Google TV Review," Tech Radar, February 2, 2022 (accessed: <a href="https://www.techradar.com/reviews/chromecast-with-google-tv">https://www.techradar.com/reviews/chromecast-with-google-tv</a> )	N/A		403; A; U; H; R; PK			
TX3302		"Chromecast With Google TV," Google Store website (accessed: <a href="https://store.google.com/us/product/chromecast_google_tv?hl=en-US">https://store.google.com/us/product/chromecast_google_tv?hl=en-US</a> )	N/A		403; A; U; H; R; PK			
TX3303		"Come June, Sonos Is Splitting Its Ecosystem In Two. Here's What It Means," CNN Underscored, March 17, 2020 (accessed: <a href="https://www.cnn.com/cnnunderscored/electronics/sonos-legacy-speakers-guide">https://www.cnn.com/cnnunderscored/electronics/sonos-legacy-speakers-guide</a> )	N/A		403; A; U; H; R; PK			
TX3304		"Compare Smart Speakers And Displays," Google Store (accessed: <a href="https://store.google.com/us/magazine/compare_nest_speakers_displays?hl=en-US">https://store.google.com/us/magazine/compare_nest_speakers_displays?hl=en-US</a> )	N/A		403; A; U; H; R; PK			
TX3305		"Competing In Smartphones Demands More Than Great Hardware -- You Need A Strong Ecosystem," Forbes, May 9, 2018 (accessed: <a href="https://www.forbes.com/sites/forrester/2018/05/09/competing-insmartphones-demands-more-than-great-hardware-you-need-a-strong-ecosystem/#a9010769bd6d">https://www.forbes.com/sites/forrester/2018/05/09/competing-insmartphones-demands-more-than-great-hardware-you-need-a-strong-ecosystem/#a9010769bd6d</a> )	N/A		403; A; U; H; R; PK			
TX3306		"Developing New Products And Services," Chapter 10, Saylor Academy, 2012 (accessed: <a href="https://saylordotorg.github.io/text_developing-new-products-and-services/s13-lock-in-and-revenue-growth.html">https://saylordotorg.github.io/text_developing-new-products-and-services/s13-lock-in-and-revenue-growth.html</a> )	N/A		403; A; U; H; R; PK			
TX3307		"Difference between Google Home And Google Assistant," (accessed: <a href="http://www.differencebetween.net/technology/difference-between-google-home-and-google-assistant/">http://www.differencebetween.net/technology/difference-between-google-home-and-google-assistant/</a> )	N/A		403; A; U; H; R; PK			
TX3308		"Digital Music," Statista, 2021	GOOG-SONOSNDCA-00120247		403; A; U; H; R; PK			
TX3309		"Find The Right Plan," IFTTT.com website, September 29, 2020 and November 3, 2020 (accessed: <a href="https://web.archive.org/web/20200929082441/https://ifttt.com/plans">https://web.archive.org/web/20200929082441/https://ifttt.com/plans</a> )	N/A		403; A; U; H; R; PK			

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TX3310		"Find The Right Plan," IFTTT.com website, September 29, 2020 and November 3, 2020 (https://web.archive.org/web/20200930053720/https://ifttt.com/subscriptions/pro)	N/A		403; A; U; H; R; PK			
TX3311		"Five," Sonos website (accessed: www.sonos.com/en-us/shop/five); "Compare Smart Speakers And Displays," Google Store (accessed: https://store.google.com/us/magazine/compare_nest_speakers_displays?hl=en-US)	N/A		403; A; U; H; R; PK			
TX3312		"Get Started With The Google Assistant On Pixel 4 & Later," Google (accessed: https://support.google.com/assistant/answer/9475056?hl=en&co=GENIE.Platform%3DAndroid#:~:text=The%20new%20Google%20Assistant%20is,more%20with%20just%20your%20voice)	N/A		403; A; U; H; R; PK			
TX3313		"Global Smart Speaker Market Share 2016-2021, By Vendor," Statista, 2021	GOOG-SONOSNDCA-00125616		403; A; U; H; R; PK			
TX3314		"Google - Pixel 5 5G 128GB (Unlocked) - Just Black," Best Buy, (accessed: https://www.bestbuy.com/site/google-pixel-5-5g-128gbunlocked-just-black/6431992.p?skuld=6431992)	N/A		403; A; U; H; R; PK			
TX3315		"Google 'Doubles Down' On Pixel Hardware, Cuts Google Assistant Support: Is Google Assistant In Trouble? It's True That It Doesn't Make Any Money," Ars Technica, October 18, 2022 (accessed: https://arstechnica.com/gadgets/2022/10/report-google-doubles-down-on-pixel-hardware-cuts-google-assistant-support/)	N/A		403; A; U; H; R; PK			
TX3316		"Google And Nest Combine Into A New Smart Home Brand," CNET, May 7, 2019 (accessed: https://www.cnet.com/home/smart-home/google-and-nest-combine-into-a-new-smart-home-brand/)	N/A		403; A; U; H; R; PK			
TX3317		"Google Announces Chromecast Ultra, A 4K Version Of Its Streaming Device," The Verge, October 4, 2016 (accessed: https://www.theverge.com/2016/10/4/13098438/google-chromecast-ultra-4k-youtube-streamingdevice-announced-price)	N/A		403; A; U; H; R; PK			
TX3318		"Google Announces Pixel 6, Pixel 6 Pro with Tensor SoC, Powerful New 50MP Camera," B&H Photo (accessed: https://www.bhphotovideo.com/explora/mobile/news/google-announces-pixel-6-pixel-6-pro-with-tensor-soc-powerful-new-50mp-camera)	N/A		403; A; U; H; R; PK			
TX3319		"Google Assistant: A Cheat Sheet," TechRepublic, May 19, 2021 (accessed: https://www.techrepublic.com/article/google-assistant-the-smart-persons-guide/#:~:text=Google%20Assistant%20was%20first%20unveiled,20%2C%202016)	N/A		403; A; U; H; R; PK			
TX3320		"Google Assistant: The Complete History Of The Voice Of Android," Digital Trends, October 31, 2018 (accessed: https://www.digitaltrends.com/mobile/google-assistant/)	N/A		403; A; U; H; R; PK			
TX3321		"Google Buys Nest Labs For \$3.2 Billion," CNET, January 14, 2014 (accessed: https://money.cnn.com/2014/01/13/technology/google-nest/index.html)	N/A		403; A; U; H; R; PK			
TX3322		"Google CEO Still Insists AI Revolution Bigger Than Invention Of Fire," Gizmodo, July 14, 2021 (accessed: https://gizmodo.com/google-ceo-still-insists-ai-revolution-biggerthan-inve-1847288454)	N/A		403; A; U; H; R; PK			
TX3323		"Google Chromecast (2020) Review: Reinvented — And Now With A Remote," Tech Radar, December 2, 2021 (accessed: https://www.theverge.com/21495609/google-chromecast-2020-review-streaming-remote-control)	N/A		403; A; U; H; R; PK			
TX3324		"Google Confirmed Nest Hub Max Has A Release Date: Sept. 9," CNET, July 24, 2019 (accessed: https://www.cnet.com/home/smarthome/google-confirmed-nest-hub-max-has-a-release-date-sept-9/)	N/A		403; A; U; H; R; PK			

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TX3325		"Google Confirmed Nest Hub Max Has A Release Date: Sept. 9," CNET, July 24, 2019 (accessed: <a href="https://www.cnet.com/home/smart-home/google-confirmed-nest-hub-max-has-a-release-date-sept-9/">https://www.cnet.com/home/smart-home/google-confirmed-nest-hub-max-has-a-release-date-sept-9/</a> )	N/A		403; A; U; H; R; PK			
TX3326		"Google Discontinues The Google Home Max," The Verge, December 14, 2020 (accessed: <a href="https://www.theverge.com/2020/12/14/22175243/google-home-max-discontinued-smart-speaker-support">https://www.theverge.com/2020/12/14/22175243/google-home-max-discontinued-smart-speaker-support</a> )	N/A		403; A; U; H; R; PK			
TX3327		"Google Finally Stops Selling The Home Mini After Four Years," 9 to 5 Google, December 20, 2021 (accessed: <a href="https://9to5google.com/2021/12/20/google-home-mini-out-of-stock/">https://9to5google.com/2021/12/20/google-home-mini-out-of-stock/</a> )	N/A		403; A; U; H; R; PK			
TX3328		"Google Home brings Google's Smarts To Your Living Room," TechCrunch, November 3, 2016 (accessed: <a href="https://techcrunch.com/2016/11/03/google-home-review/">https://techcrunch.com/2016/11/03/google-home-review/</a> )	N/A		403; A; U; H; R; PK			
TX3329		"Google Home Max Officially Discontinued After Going Out Of Stock," 9 to 5 Google, January 26, 2021 (accessed: <a href="https://9to5google.com/2021/01/26/google-home-maxdiscontinued/">https://9to5google.com/2021/01/26/google-home-maxdiscontinued/</a> )	N/A		403; A; U; H; R; PK			
TX3330		"Google Home Max Review," Tech Radar, December 4, 2019 (accessed: <a href="https://www.techradar.com/reviews/google-home-max">https://www.techradar.com/reviews/google-home-max</a> )	N/A		403; A; U; H; R; PK			
TX3331		"Google Home Mini Review: Chasing Dots," The Verge, October 11, 2017 (accessed: <a href="https://www.theverge.com/2017/10/11/16453788/google-home-mini-smart-speaker-review">https://www.theverge.com/2017/10/11/16453788/google-home-mini-smart-speaker-review</a> )	N/A		403; A; U; H; R; PK			
TX3332		"Google Home No More," Voicebot.ai, May 27, 2020 (accessed: <a href="https://voicebot.ai/2020/05/27/googlehome-no-more/">https://voicebot.ai/2020/05/27/googlehome-no-more/</a> )	N/A		403; A; U; H; R; PK			
TX3333		"Google Home Now Supports Multiple Users, But Still Can't Separate Work And Personal Accounts," The Verge, April 20, 2017 (accessed: <a href="https://www.theverge.com/circuitbreaker/2017/4/20/15364960/google-homespeaker-multi-user-new-feature">https://www.theverge.com/circuitbreaker/2017/4/20/15364960/google-homespeaker-multi-user-new-feature</a> )	N/A		403; A; U; H; R; PK			
TX3334		"Google Home," Google (accessed: <a href="https://home.google.com/welcome/">https://home.google.com/welcome/</a> )	N/A		403; A; U; H; R; PK			
TX3335		"Google Home," Google Play Store (accessed: <a href="https://play.google.com/store/apps/details?id=com.google.android.apps.chromecast.app&amp;hl=en&amp;gl=US">https://play.google.com/store/apps/details?id=com.google.android.apps.chromecast.app&amp;hl=en&amp;gl=US</a> )	N/A		403; A; U; H; R; PK			
TX3336		"Google Home," Red Dot, 2018 (accessed: <a href="https://www.red-dot.org/project/google-home-21880-21879">https://www.red-dot.org/project/google-home-21880-21879</a> )	N/A		403; A; U; H; R; PK			
TX3337		"Google Is Buying Connected Device Company Nest For \$3.2B In Cash," TechCrunch, January 13, 2014 (accessed: <a href="https://techcrunch.com/2014/01/13/google-just-bought-connected-device-company-nest-for-3-2b-in-cash/">https://techcrunch.com/2014/01/13/google-just-bought-connected-device-company-nest-for-3-2b-in-cash/</a> )	N/A		403; A; U; H; R; PK			
TX3338		"Google Leak Shows Pixel 2 Is Massive," Forbes, July 12, 2017 (accessed: <a href="https://www.forbes.com/sites/gordonkelly/2017/07/12/google-pixel-2-design-size-camera-price/?sh=33b9d4f34df1">https://www.forbes.com/sites/gordonkelly/2017/07/12/google-pixel-2-design-size-camera-price/?sh=33b9d4f34df1</a> )	N/A		403; A; U; H; R; PK			
TX3339		"Google LLC," Capital IQ (accessed: <a href="https://www.capitaliq.com/CIQDotNet/company.aspx?companyId=312932093&amp;fromSearchProfiles=True">https://www.capitaliq.com/CIQDotNet/company.aspx?companyId=312932093&amp;fromSearchProfiles=True</a> )	N/A		403; A; U; H; R; PK			
TX3340		"Google Nest Audio: Everything You Need To Know About The Smart Speaker," Android Authority, February 5, 2022 (accessed: <a href="https://www.androidauthority.com/google-nest-audio-1161563/">https://www.androidauthority.com/google-nest-audio-1161563/</a> )	N/A		403; A; U; H; R; PK			
TX3341		"Google Nest Hub Review: Google's Nest Hub Smart Display Is Still Great," CNET, October 29, 2020 (accessed: <a href="https://www.cnet.com/reviews/google-nest-home-hub-with-google-assistant-thebest-smart-display-review/">https://www.cnet.com/reviews/google-nest-home-hub-with-google-assistant-thebest-smart-display-review/</a> )	N/A		403; A; U; H; R; PK			
TX3342		"Google Nest Hub Review: Google's Nest Hub Smart Display Is Still Great," CNET, October 29, 2020 (accessed: <a href="https://www.cnet.com/reviews/google-nest-home-hub-with-google-assistant-the-best-smart-display-review/">https://www.cnet.com/reviews/google-nest-home-hub-with-google-assistant-the-best-smart-display-review/</a> )	N/A		403; A; U; H; R; PK			
TX3343		"Google Nest Mini (2nd Gen) Review: Even Faster, Even Smarter," Digital Trends, July 7, 2021 (accessed: <a href="https://www.digitaltrends.com/home/nest-mini-review-2/">https://www.digitaltrends.com/home/nest-mini-review-2/</a> )	N/A		403; A; U; H; R; PK			

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TRIAL EX.	DATE	DESCRIPTION	BATES BEGIN	GOOGLE'S OBJECTIONS	SONOS'S OBJECTIONS	DATE OFFERED	DATE ADMITTED	LIMITATIONS OF USE
TX3344		"Google Nest Smart Speakers: A Cheat Sheet," TechRepublic, October 8, 2020 (accessed: <a href="https://www.techrepublic.com/article/google-nest-smart-speakers-a-cheat-sheet/">https://www.techrepublic.com/article/google-nest-smart-speakers-a-cheat-sheet/</a> )	N/A		403; A; U; H; R; PK			
TX3345		"Google Nest," Google (accessed: <a href="https://store.google.com/category/connected_home?hl=en-US">https://store.google.com/category/connected_home?hl=en-US</a> )	N/A		403; A; U; H; R; PK			
TX3346		"Google Nest: Why Google Family Embraced Nest As Its Smart Home Brand," The Verge, May 7, 2019 (accessed: <a href="https://www.theverge.com/2019/5/7/18530609/google-nest-smart-home-brand-merging-hub-max-rebrand-io-2019">https://www.theverge.com/2019/5/7/18530609/google-nest-smart-home-brand-merging-hub-max-rebrand-io-2019</a> )	N/A		403; A; U; H; R; PK			
TX3347		"Google Overhauls Home App As It Prepares For Matter," The Verge, October 4, 2022 (accessed: <a href="https://www.theverge.com/2022/10/4/23386287/google-home-app-design-update-matter-features">https://www.theverge.com/2022/10/4/23386287/google-home-app-design-update-matter-features</a> )	N/A		403; A; U; H; R; PK			
TX3348		"Google Pixel 3 64GB," Walmart (accessed: <a href="https://www.walmart.com/ip/Google-Google-Pixel-3-64GB-Not-Pink-Verizon-Unlocked-Refurbished-Grade-A/706346069">https://www.walmart.com/ip/Google-Google-Pixel-3-64GB-Not-Pink-Verizon-Unlocked-Refurbished-Grade-A/706346069</a> )	N/A		403; A; U; H; R; PK			
TX3349		"Google Pixel 4 - Just Black - 64GB - Unlocked," Amazon (accessed: <a href="https://www.amazon.com/Google-GA01187-US-Pixel-Black-Unlocked/dp/B07YMNLXL3/ref=asc_df_B07YMNLXL3/?tag=hyprod-20&amp;linkCode=df0&amp;hvadid=385546063373&amp;hvpso=&amp;hvnetw=g&amp;hvrnd=1479815757744176096&amp;hvpone=&amp;hvtwo=&amp;hvmqmt=&amp;hvdev=c&amp;hvdvcm dl=&amp;hvlont=&amp;hvllophy=1026339&amp;hvtargid=pla-86557542444&amp;pssc=1&amp;tag=&amp;ref=&amp;adgrpid=85458698584&amp;hvpone=&amp;hvtwo=&amp;hvadid=385546063373&amp;hvpso=&amp;hvnetw=g&amp;hvrnd=1479815757744176096&amp;hvmqmt=&amp;hvdev=c&amp;hvdvcm dl=&amp;hvlont=&amp;hvllophy=1026339&amp;hvtargid=pla-86557542444">https://www.amazon.com/Google-GA01187-US-Pixel-Black-Unlocked/dp/B07YMNLXL3/ref=asc_df_B07YMNLXL3/?tag=hyprod-20&amp;linkCode=df0&amp;hvadid=385546063373&amp;hvpso=&amp;hvnetw=g&amp;hvrnd=1479815757744176096&amp;hvpone=&amp;hvtwo=&amp;hvmqmt=&amp;hvdev=c&amp;hvdvcm dl=&amp;hvlont=&amp;hvllophy=1026339&amp;hvtargid=pla-86557542444&amp;pssc=1&amp;tag=&amp;ref=&amp;adgrpid=85458698584&amp;hvpone=&amp;hvtwo=&amp;hvadid=385546063373&amp;hvpso=&amp;hvnetw=g&amp;hvrnd=1479815757744176096&amp;hvmqmt=&amp;hvdev=c&amp;hvdvcm dl=&amp;hvlont=&amp;hvllophy=1026339&amp;hvtargid=pla-86557542444</a> )	N/A		403; A; U; H; R; PK			
TX3350		"Google Pixel 7 Review," Tom's Guide (accessed: <a href="https://www.tomsguide.com/reviews/google-pixel-7">https://www.tomsguide.com/reviews/google-pixel-7</a> )	N/A		403; A; U; H; R; PK			
TX3351		"Google Products," Google (accessed: <a href="https://about.google/products/#all-products">https://about.google/products/#all-products</a> )	N/A		403; A; U; H; R; PK			
TX3352		"Google Products," Google Store (accessed: <a href="https://store.google.com/?hl=en-US">https://store.google.com/?hl=en-US</a> )	N/A		403; A; U; H; R; PK			
TX3353		"Google Refines the Pixel 7 With Small but Welcome Changes," Wired, October 6, 2022 (accessed: <a href="https://www.wired.com/story/google-pixel-7-pixel-7-pro-features-price-release-date/">https://www.wired.com/story/google-pixel-7-pixel-7-pro-features-price-release-date/</a> )	N/A		403; A; U; H; R; PK			
TX3354		"Google Reveals Chromecast: Video Streaming To Your TV From Any Device For \$35," The Verge, July 24, 2013 (accessed: <a href="https://www.theverge.com/2013/7/24/4552204/google-reveals-chromecast-tv-streaming">https://www.theverge.com/2013/7/24/4552204/google-reveals-chromecast-tv-streaming</a> )	N/A		403; A; U; H; R; PK			
TX3355		"Google TV," Google website, (accessed: <a href="https://tv.google/">https://tv.google/</a> )	N/A		403; A; U; H; R; PK			
TX3356		"Google Unveils Its Newest Major Product: The Google Home Speaker," Business Insider, October 4, 2016 (accessed: <a href="https://www.businessinsider.com/google-home-announced-price-release-date-2016-10">https://www.businessinsider.com/google-home-announced-price-release-date-2016-10</a> )	N/A		403; A; U; H; R; PK			
TX3357		"Google Wants Its New Home Hub to Live in Every Room of Your House," The Wired, October 9, 2018 (accessed: <a href="https://www.wired.com/story/google-home-hub-smart-display/">https://www.wired.com/story/google-home-hub-smart-display/</a> )	N/A		403; A; U; H; R; PK			
TX3358		"Google: Moonshots That Can Change An Industry Paradigm," Seeking Alpha, March 23, 2022 (accessed: <a href="https://seekingalpha.com/article/4497305-google-moonshots-that-can-change-industry-paradigm">https://seekingalpha.com/article/4497305-google-moonshots-that-can-change-industry-paradigm</a> )	N/A		403; A; U; H; R; PK			
TX3359		"Google's Released A Separate YouTube App For Android," Tech2, October 22, 2010 (accessed: <a href="https://www.firstpost.com/tech/news-analysis/googles-released-a-separate-youtube-app-for-android-3576571.html">https://www.firstpost.com/tech/news-analysis/googles-released-a-separate-youtube-app-for-android-3576571.html</a> )	N/A		403; A; U; H; R; PK			

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TX3360		"Google's Chromecast A Brilliant Play For The Living Room -- Especially With \$35 Price Tag," Forbes, July 24, 2013 (accessed: <a href="https://www.forbes.com/sites/jasonevangelho/2013/07/24/googles-chromecast-a-brilliant-play-for-the-living-room-especially-with-35-price-tag/?sh=787bbb846f13">https://www.forbes.com/sites/jasonevangelho/2013/07/24/googles-chromecast-a-brilliant-play-for-the-living-room-especially-with-35-price-tag/?sh=787bbb846f13</a> )	N/A		403; A; U; H; R; PK			
TX3361		"Google's Nest Audio smart speaker hits new low of \$75," Engadget, June 15, 2021 (accessed: <a href="https://www.engadget.com/google-nest-audio-smart-speaker-new-low-091549030.html">https://www.engadget.com/google-nest-audio-smart-speaker-new-low-091549030.html</a> )	N/A		403; A; U; H; R; PK			
TX3362		"Gross Profit Margin," Investopedia (accessed: <a href="https://www.investopedia.com/terms/g/gross_profit_margin.asp">https://www.investopedia.com/terms/g/gross_profit_margin.asp</a> )	N/A		403; A; U; H; R; PK			
TX3363		"How It Started," Sonos website, (accessed: <a href="https://www.sonos.com/en-us/how-itstarted#:~:text=Part%203%3A%20E2%80%9CEasily%20the%20best,months%20and%20years%20of%20availability">https://www.sonos.com/en-us/how-itstarted#:~:text=Part%203%3A%20E2%80%9CEasily%20the%20best,months%20and%20years%20of%20availability</a> )	N/A		403; A; U; H; R; PK			
TX3364		"How Long Can A Smartphone Last? (With 6 Real Examples)," Valortech.com, <a href="https://valortech.com/how-long-can-a-smartphone-last/">https://valortech.com/how-long-can-a-smartphone-last/</a>	N/A		403; A; U; H; R; PK			
TX3365		"How Smart-Speaker Maker Sonos Plans to Take on Apple, Google and Amazon," Variety.com, June 20, 2018 (accessed: <a href="https://variety.com/2018/biz/features/sonos-apple-google-amazon-1202850159/?sub_action=logged_in">https://variety.com/2018/biz/features/sonos-apple-google-amazon-1202850159/?sub_action=logged_in</a> )	N/A		403; A; U; H; R; PK			
TX3366		"How Sonos Makes Money," Investopedia, July 15, 2021 (accessed: <a href="https://www.investopedia.com/investing/how-does-sonos-make-money/">https://www.investopedia.com/investing/how-does-sonos-make-money/</a> )	N/A		403; A; U; H; R; PK			
TX3367		"How To Use A Google Nest Hub As a Digital Picture Frame," The Verge, April 26, 2022 (accessed: <a href="https://www.theverge.com/23041642/google-nesthub-digital-picture-frame-how-to">https://www.theverge.com/23041642/google-nesthub-digital-picture-frame-how-to</a> )	N/A		403; A; U; H; R; PK			
TX3368		"IFTTT Applets," IFTTT website (accessed: <a href="https://ifttt.com/explore/applets">https://ifttt.com/explore/applets</a> )	N/A		403; A; U; H; R; PK			
TX3369		"IFTTT Introduces Pro Subscriptions, Limits Free Version To Three Applets," The Verge, September 10, 2020 (accessed: <a href="https://www.theverge.com/2020/9/10/21430265/ifttt-pro-subscriptions-free-controversy">https://www.theverge.com/2020/9/10/21430265/ifttt-pro-subscriptions-free-controversy</a> )	N/A		403; A; U; H; R; PK			
TX3370		"IFTTT Pro Announcement From Linden," IFTTT YouTube Channel, September 9, 2020 (accessed: <a href="https://www.youtube.com/watch?v=4CSZgm1bi64&amp;t=4s">https://www.youtube.com/watch?v=4CSZgm1bi64&amp;t=4s</a> )	N/A		403; A; U; H; R; PK			
TX3371		"In Smartphone Mass-Market, Samsung, Apple Have Margins On Their Minds," Reuters, April 4, 2018 (accessed: <a href="https://www.reuters.com/article/us-samsung-elec-smartphones-analysis/in-smartphone-mass-marketsamsung-apple-have-margins-on-their-minds-idUSBREA3806J20140409">https://www.reuters.com/article/us-samsung-elec-smartphones-analysis/in-smartphone-mass-marketsamsung-apple-have-margins-on-their-minds-idUSBREA3806J20140409</a> )	N/A		403; A; U; H; R; PK			
TX3372		"Informatory," Merriam Webster (accessed: <a href="https://www.merriam-webster.com/dictionary/informatory">https://www.merriam-webster.com/dictionary/informatory</a> )	N/A		403; A; U; H; R; PK			
TX3373		"Introducing S2, New App and OS for Sonos," Sonos Community Blog, 2020 (accessed: <a href="https://en.community.sonos.com/product-updates/introducing-s2-new-app-and-os-for-sonos-6841762">https://en.community.sonos.com/product-updates/introducing-s2-new-app-and-os-for-sonos-6841762</a> )	N/A		403; A; U; H; R; PK			
TX3374		"Introducing Sonos PLAYBAR," Sonos, February 12, 2013 (accessed: <a href="https://www.sonos.com/en-us/newsroom/introducing-sonosplaybar">https://www.sonos.com/en-us/newsroom/introducing-sonosplaybar</a> )	N/A		403; A; U; H; R; PK			
TX3375		"Introducing The Newest Member Of Our Family, The YouTube Kids App--Available On Google Play And The App Store," YouTube official blog, February 23, 2015 (accessed: <a href="https://blog.youtube/news-andevents/youtube-kids/">https://blog.youtube/news-andevents/youtube-kids/</a> )	N/A		403; A; U; H; R; PK			
TX3376		"Killed By Google," (accessed: <a href="https://killedbygoogle.com/">https://killedbygoogle.com/</a> )	N/A		403; A; U; H; R; PK			
TX3377		"Meet Google Nest Wifi" (accessed: <a href="https://support.google.com/googlenest/answer/9583920?hl=en">https://support.google.com/googlenest/answer/9583920?hl=en</a> )	N/A		403; A; U; H; R; PK			
TX3378		"Most Innovative: Google," Fast Company (accessed: <a href="https://www.fastcompany.com/company/google">https://www.fastcompany.com/company/google</a> )	N/A		403; A; U; H; R; PK			



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TX3379		"Music Streaming In The U.S.," Statista	GOOG-SONOSNDCA-00122216		403; A; U; H; R; PK			
TX3380		"Nest Audio Review: Google's New Smart Speaker Is An Improvement In Every Way," CNET, October 5, 2020 (accessed: <a href="https://www.cnet.com/home/smart-home/nest-audio-review-google-new-smart-speaker-is-an-improvement-in-every-way/">https://www.cnet.com/home/smart-home/nest-audio-review-google-new-smart-speaker-is-an-improvement-in-every-way/</a> )	N/A		403; A; U; H; R; PK			
TX3381		"Nest Audio: Google's Newest Smart Speaker Is Replacing the Original Google Home," CNET, September 30, 2020 (accessed: <a href="https://www.cnet.com/home/smart-home/nest-audio-google-newest-smart-speaker-replacing-original-google-home/">https://www.cnet.com/home/smart-home/nest-audio-google-newest-smart-speaker-replacing-original-google-home/</a> )	N/A		403; A; U; H; R; PK			
TX3382		"Nest Hub Max Smart Display With Google Assistant – Charcoal," Best Buy website (accessed: <a href="https://www.bestbuy.com/site/nest-hub-max-smart-display-with-google-assistant-charcoal/6348562.p?skuId=6348562">https://www.bestbuy.com/site/nest-hub-max-smart-display-with-google-assistant-charcoal/6348562.p?skuId=6348562</a> )	N/A		403; A; U; H; R; PK			
TX3383		"Nest Hub Max," Google Store (accessed: <a href="https://store.google.com/product/google_nest_hub_max?hl=en-US">https://store.google.com/product/google_nest_hub_max?hl=en-US</a> )	N/A		403; A; U; H; R; PK			
TX3384		"Nest Mini," Google Store (accessed: <a href="https://store.google.com/us/product/google_nest_mini?hl=en-US">https://store.google.com/us/product/google_nest_mini?hl=en-US</a> )	N/A		403; A; U; H; R; PK			
TX3385		"Now You Can Stream Google Play Music Through Your Sonos System," Wired, April 10, 2014 (accessed: <a href="https://www.wired.com/2014/04/google-play-music-sonos/">https://www.wired.com/2014/04/google-play-music-sonos/</a> )	N/A		403; A; U; H; R; PK			
TX3386		"Our Mission," AST website (accessed: <a href="https://www.ast.com/about-us/ast-mission/">https://www.ast.com/about-us/ast-mission/</a> )	N/A		403; A; U; H; R; PK			
TX3387		"Overcoming The Innovation Readiness Gap," BCG Consulting, April 2021 (accessed: <a href="https://web-assets.bcg.com/d5/ef/ea7099b64b89860fd1aa3ec4ff34/bcg-most-innovative-companies-2021-apr-2021-r.pdf">https://web-assets.bcg.com/d5/ef/ea7099b64b89860fd1aa3ec4ff34/bcg-most-innovative-companies-2021-apr-2021-r.pdf</a> )	N/A		403; A; U; H; R; PK			
TX3388		"Pixel 'Phone By Google' Announced," The Verge, October 24, 2016 (accessed: <a href="https://www.theverge.com/2016/10/4/13161028/google-phone-announced-pixel-xl-price-release-date-specs">https://www.theverge.com/2016/10/4/13161028/google-phone-announced-pixel-xl-price-release-date-specs</a> ).	N/A		403; A; U; H; R; PK			
TX3389		"Pixel 6 Pro Review: Google's Flagship Is A Top iPhone Rival In 2022," CNET, January 14, 2022 (accessed: <a href="https://www.cnet.com/tech/mobile/pixel-6-pro-review-google-flagship-top-iphone-rival-in-2022/">https://www.cnet.com/tech/mobile/pixel-6-pro-review-google-flagship-top-iphone-rival-in-2022/</a> )	N/A		403; A; U; H; R; PK			
TX3390		"Pixel 7 Pro Review: Google's Best Flagship Phone Gets Better," CNET, November 16, 2022 (accessed: <a href="https://www.cnet.com/tech/mobile/pixel-7-pro-review-googles-best-flagship-phone-gets-better/">https://www.cnet.com/tech/mobile/pixel-7-pro-review-googles-best-flagship-phone-gets-better/</a> )	N/A		403; A; U; H; R; PK			
TX3391		"Pixel Phone By Google Announced," The Verge, October 4, 2016 (accessed: <a href="https://www.theverge.com/2016/10/4/13161028/google-phone-announced-pixel-xl-price-release-date-specs">https://www.theverge.com/2016/10/4/13161028/google-phone-announced-pixel-xl-price-release-date-specs</a> )	N/A		403; A; U; H; R; PK			
TX3392		"Pixel Phone Hardware Tech Specs," Google Support (accessed: <a href="https://support.google.com/pixelphone/answer/7158570?hl=en#zippy=%2Cpixel">https://support.google.com/pixelphone/answer/7158570?hl=en#zippy=%2Cpixel</a> )	N/A		403; A; U; H; R; PK			
TX3393		"Popular Top Applets of 2021," IFTTT website (accessed: <a href="https://ifttt.com/explore/top-applets-2021">https://ifttt.com/explore/top-applets-2021</a> )	N/A		403; A; U; H; R; PK			
TX3394		"Products," Sonos website (accessed: <a href="https://www.sonos.com/en-us/shop">https://www.sonos.com/en-us/shop</a> )	N/A		403; A; U; H; R; PK			
TX3395		"Release Notes For Sonos S2," (accessed: <a href="https://support.sonos.com/en-us/article/release-notes-for-sonos-s2">https://support.sonos.com/en-us/article/release-notes-for-sonos-s2</a> )	N/A		403; A; U; H; R; PK			
TX3396		"Review: Google Home Is A Win (And Better Than The Amazon Echo), Yahoo Finance, November 3, 2016 (accessed: <a href="https://finance.yahoo.com/news/review-google-home-win-better-130033351.html">https://finance.yahoo.com/news/review-google-home-win-better-130033351.html</a> )	N/A		403; A; U; H; R; PK			
TX3397		"Samsung Posts Record Quarterly Profit Despite Smartphone Slump," CNET, October 20, 2018 (accessed: <a href="https://www.cnet.com/news/samsung-posts-record-quarterly-profit-despite-smartphone-slump/">https://www.cnet.com/news/samsung-posts-record-quarterly-profit-despite-smartphone-slump/</a> )	N/A		403; A; U; H; R; PK			



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TX3398		"Samsung, Apple Agonise Over Smartphone Profit Margins," Gadgets 360, June 2, 2014 (accessed: <a href="https://gadgets.ndtv.com/mobiles/features/samsung-apple-agonise-over-smartphone-profit-margins-506145">https://gadgets.ndtv.com/mobiles/features/samsung-apple-agonise-over-smartphone-profit-margins-506145</a> )	N/A		403; A; U; H; R; PK			
TX3399		"SEO By The Sea," (accessed: <a href="https://www.seobythesea.com/2011/09/google-picks-up-hardware-and-media-patents-from-outland-research/">https://www.seobythesea.com/2011/09/google-picks-up-hardware-and-media-patents-from-outland-research/</a> )	N/A		403; A; U; H; R; PK			
TX3400		"Share Of Music Streaming Subscribers Worldwide In The 1st Quarter of 2021, By Company," Statista and MIDia Research, July 2021	GOOG-SONOSNDCA-00123386		403; A; U; H; R; PK			
TX3401		"Share Of Smart Speaker Installed Base In The United States In 2021, By Brand," Statista, August 2021	GOOG-SONOSNDCA-00125617		403; A; U; H; R; PK			
TX3402		"Smart Displays Are Stealing The Show From Smart Speakers," ZDNet, January 26, 2021 (accessed: <a href="https://www.zdnet.com/home-and-office/smart-home/smart-displays-are-stealing-the-show-from-smart-speakers/">https://www.zdnet.com/home-and-office/smart-home/smart-displays-are-stealing-the-show-from-smart-speakers/</a> )	N/A		403; A; U; H; R; PK			
TX3403		"Smart Speaker Consumer Adoption Report," Voicebot.ai, March 2018	GOOG-SONOSNDCA-00123428		403; A; U; H; R; PK			
TX3404		"Smart Speaker Consumer Adoption Report," Voicebot.ai, March 2022	GOOG-SONOSNDCA-00123457		403; A; U; H; R; PK			
TX3405		"Smart Speaker," J.P. Morgan, August 29, 2017	GOOG-SONOSNDCA-00123521		403; A; U; H; R; PK			
TX3406		"Smartphones in the U.S.," Statista, 2021	GOOG-SONOSNDCA-00123535		403; A; U; H; R; PK			
TX3407		"Sonos Caught Snoozing: Speaker Company Cuts Jobs As Amazon's Echo Catches Fire," Geekwire, March 10, 2016 (accessed: <a href="https://www.geekwire.com/2016/sonos-caught-snoozing-speaker-firm-cuts-staff-amazons-echo-catches-fire/">https://www.geekwire.com/2016/sonos-caught-snoozing-speaker-firm-cuts-staff-amazons-echo-catches-fire/</a> )	N/A		403; A; U; H; R; PK			
TX3408		"Sonos CEO On Tech Competition: We're The Story Of Software Eating Audio," Yahoo Finance, March 10, 2021 ( <a href="https://www.yahoo.com/video/sonos-ceo-tech-competition-story-175816392.html">https://www.yahoo.com/video/sonos-ceo-tech-competition-story-175816392.html</a> )	N/A		403; A; U; H; R; PK			
TX3409		"Sonos CEO Patrick Spence Sounds Off About Big Tech Behaving Badly," Time, July 24, 2022 ( <a href="https://time.com/6199829/sonos-ceo-sounds-off-on-big-tech/">https://time.com/6199829/sonos-ceo-sounds-off-on-big-tech/</a> )	N/A		403; A; U; H; R; PK			
TX3410		"Sonos CEO Resigns Amid High Competition," CNET, Jan. 10, 2017 (accessed: <a href="https://www.cnet.com/tech/tech-industry/sonos-ceo-resigns-amid-high-competition/">https://www.cnet.com/tech/tech-industry/sonos-ceo-resigns-amid-high-competition/</a> )	N/A		403; A; U; H; R; PK			
TX3411		"Sonos Files For IPO, Comments On Smart Speaker Focus And Dependence On Alexa," Voicebot.ai, July 8, 2018 (accessed: <a href="https://voicebot.ai/2018/07/08/sonos-files-for-ipo-comments-on-smart-speaker-focus-and-dependence-on-alexa/">https://voicebot.ai/2018/07/08/sonos-files-for-ipo-comments-on-smart-speaker-focus-and-dependence-on-alexa/</a> )	N/A		403; A; U; H; R; PK			
TX3412		"Sonos Hits The Right Note With Customers," Statista, July 9, 2018, (accessed: <a href="https://www.statista.com/chart/14610/sonos-unit-sales-and-household-penetration/">https://www.statista.com/chart/14610/sonos-unit-sales-and-household-penetration/</a> )	N/A		403; A; U; H; R; PK			
TX3413		"Sonos Launches Its New S2 App For Android and iOS," Wirefly, June 8, 2020 (accessed: <a href="https://news.wirefly.com/2020/06/08/sonos-s2-app-android-ios-download">https://news.wirefly.com/2020/06/08/sonos-s2-app-android-ios-download</a> )	N/A		403; A; U; H; R; PK			
TX3414		"Sonos Launches S2 Platform For Hi-Res Audio And Dolby Atmos Upgrades," What Hi-Fi, April 2, 2020 (accessed: <a href="https://www.whathifi.com/news/new-sonos-s2-platform-paves-the-way-for-hi-res-audio">https://www.whathifi.com/news/new-sonos-s2-platform-paves-the-way-for-hi-res-audio</a> )	N/A		403; A; U; H; R; PK			
TX3415		"Sonos One Review: The Best Smart Speaker For Audiophiles," The Guardian, February 15, 2018 (accessed: <a href="http://www.theguardian.com/technology/2018/feb/15/sonos-one-review-best-smart-speaker-audiophiles-amazon-alexa">www.theguardian.com/technology/2018/feb/15/sonos-one-review-best-smart-speaker-audiophiles-amazon-alexa</a> )	N/A		403; A; U; H; R; PK			
TX3416		"Sonos Play:1 Review: Gorgeous Sonos Play:1 Hits The Sweet Spot," CNET, October 14, 2013 (accessed: <a href="https://www.cnet.com/reviews/sonos-play-1-review/">https://www.cnet.com/reviews/sonos-play-1-review/</a> )	N/A		403; A; U; H; R; PK			

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TX3417		"Sonos Play:3 Compact Streaming Media Hi-Fi Gets Official For \$299, We Go Ears-On," Engadget, July 20th, 2011 (accessed: <a href="https://www.engadget.com/2011-07-20-dnp-sonos-play-3-compact-streaming-media-hifi-gets-official-for.html">https://www.engadget.com/2011-07-20-dnp-sonos-play-3-compact-streaming-media-hifi-gets-official-for.html</a> )	N/A		403; A; U; H; R; PK			
TX3418		"Sonos PLAY:3 Official: Cheaper Entry To The Streaming Music Club," Slash Gear, July 20, 2011 (accessed: <a href="https://www.slashgear.com/sonos-play3-official-cheaper-entry-to-the-streamingmusic-club-20166227?utm_campaign=clip">https://www.slashgear.com/sonos-play3-official-cheaper-entry-to-the-streamingmusic-club-20166227?utm_campaign=clip</a> )	N/A		403; A; U; H; R; PK			
TX3419		"Sonos Playbar Review: A Sound Bar For Sonos Disciples," CNET, March 4, 2013 (accessed: <a href="https://www.cnet.com/reviews/sonos-playbar-review/">https://www.cnet.com/reviews/sonos-playbar-review/</a> )	N/A		403; A; U; H; R; PK			
TX3420		"Sonos Roam Review: A Good Speaker In A Small Package," CNET, April 6, 2021 (accessed: <a href="https://www.cnet.com/tech/home-entertainment/sonos-roam-review/">https://www.cnet.com/tech/home-entertainment/sonos-roam-review/</a> )	N/A		403; A; U; H; R; PK			
TX3421		"Sonos Roam Review: Portable Potential," The Verge, April 6, 2021 (accessed: <a href="https://www.theverge.com/22368487/sonos-roam-bluetoothspeaker-review-features">https://www.theverge.com/22368487/sonos-roam-bluetoothspeaker-review-features</a> )	N/A		403; A; U; H; R; PK			
TX3422		"Sonos S1 & S2: What Does It All Mean And Should You Upgrade," June 12, 2020 (accessed: <a href="https://www.quadrantsystems.net/news/sonos-s1-s2-what-does-it-all-mean">https://www.quadrantsystems.net/news/sonos-s1-s2-what-does-it-all-mean</a> )	GOOG-SONOSNDCA-00123847		403; A; U; H; R; PK			
TX3423		"Sonos S2 App Guide: Getting To Grips With The New Sonos Platform," June 20, 2022 (accessed: <a href="https://www.the-ambient.com/guides/sonos-s2-app-system-update-guide-s1-2256">https://www.the-ambient.com/guides/sonos-s2-app-system-update-guide-s1-2256</a> )	N/A		403; A; U; H; R; PK			
TX3424		"Sonos S2 Launches This June With Better Audio Quality And New Features," Android Central, March 17, 2020 (accessed: <a href="https://www.androidcentral.com/sonos-s2-launches-june-better-audio-quality-and-newfeatures">https://www.androidcentral.com/sonos-s2-launches-june-better-audio-quality-and-newfeatures</a> )	N/A		403; A; U; H; R; PK			
TX3425		"Sonos S2 Update: Everything You Need To Know," What Hi-Fi, June 8, 2020 (accessed: <a href="https://www.whathifi.com/advice/sonos-s2-update-everything-you-need-to-know">https://www.whathifi.com/advice/sonos-s2-update-everything-you-need-to-know</a> )	N/A		403; A; U; H; R; PK			
TX3426		"Sonos To Deny Software Updates To Owners Of Older Equipment," The Guardian, January 23, 2020 (accessed: <a href="https://www.theguardian.com/technology/2020/jan/23/sonos-to-deny-software-updates-to-owners-of-olderequipment#:~:text=Speaker%20company%20Sonos%20will%20cut,newer%20models%2C%20it%20has%20announced.">https://www.theguardian.com/technology/2020/jan/23/sonos-to-deny-software-updates-to-owners-of-olderequipment#:~:text=Speaker%20company%20Sonos%20will%20cut,newer%20models%2C%20it%20has%20announced.</a> )	N/A		403; A; U; H; R; PK			
TX3427		"Sonos To Launch New 'S2' App In June," PC World, March 18, 2020 (accessed: <a href="https://www.pcworld.idg.com.au/article/671948/sonos-launch-new-s2-app-june/">https://www.pcworld.idg.com.au/article/671948/sonos-launch-new-s2-app-june/</a> );	N/A		403; A; U; H; R; PK			
TX3428		"Sonos Will Launch Its New App And Big S2 Software Update On June 8th," The Verge, May 6, 2020 (accessed: <a href="https://www.theverge.com/2020/5/6/21249668/sonos-s2-app-release-date-new-features-s1">https://www.theverge.com/2020/5/6/21249668/sonos-s2-app-release-date-new-features-s1</a> )	N/A		403; A; U; H; R; PK			
TX3429		"Sonos Works To Grow Malaysia Operation Despite Supply-Chain Issues," TheWallStreetJournal.com, May 28, 2021 (accessed: <a href="https://www.wsj.com/articles/sonos-works-to-grow-malaysia-operation-despite-supplychain-issues-11622214252">https://www.wsj.com/articles/sonos-works-to-grow-malaysia-operation-despite-supplychain-issues-11622214252</a> )	N/A		403; A; U; H; R; PK			
TX3430		"Sonos: Lost The Battle Before It Started," SeekingAlpha.com, March 21, 2019 (accessed: <a href="https://seekingalpha.com/article/4250335-sonos-lost-battle-started">https://seekingalpha.com/article/4250335-sonos-lost-battle-started</a> )	N/A		403; A; U; H; R; PK			
TX3431		"SPOT-BUY-Music Industry 'Win-Win' Well Positioned to Drive a Potential Investor Victory, Initiating Coverage," Guggenheim, April 3, 2018	GOOG-SONOSNDCA-00123938		403; A; U; H; R; PK			
TX3432		"Stairway to Heaven," BNP Paribas, April 21, 2021	GOOG-SONOSNDCA-00123957		403; A; U; H; R; PK			
TX3433		"Streaming In The U.S.," Statista	GOOG-SONOSNDCA-00124074		403; A; U; H; R; PK			
TX3434		"Supply Chain Pain: Sonos Can't Make Enough Speakers," Protocol.com, November 18, 2021 (accessed: <a href="https://www.protocol.com/sonos-black-friday-sales-shortages">https://www.protocol.com/sonos-black-friday-sales-shortages</a> )	N/A		403; A; U; H; R; PK			

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TX3435		"The \$30 Chromecast Won't Be Discontinued, But Chromecast Ultra Will Only Be Sold w/Stadia," 9 to 5 Google, September 30, 2020 (accessed: <a href="https://9to5google.com/2020/09/30/chromecast-ultra-stadia-futurediscontinued/">https://9to5google.com/2020/09/30/chromecast-ultra-stadia-futurediscontinued/</a> )	N/A		403; A; U; H; R; PK			
TX3436		"The Approach to Calculus," Infinity, The Mathpage website (accessed: <a href="https://www.themathpage.com/aCalc/infinity.htm">https://www.themathpage.com/aCalc/infinity.htm</a> )	N/A		403; A; U; H; R; PK			
TX3437		"The Center Of Your Helpful Home," Google Store website (accessed: <a href="https://store.google.com/category/nest_hubs_displays?hl=en-US">https://store.google.com/category/nest_hubs_displays?hl=en-US</a> )	N/A		403; A; U; H; R; PK			
TX3438		"The Cost of Capital in Litigation: Applications and Examples" Shannon P. Pratt and Roger J. Grabowski, Chapter titled "Other Cost of Capital Considerations"	GOOG-SONOSNDCA-00124386		403; A; U; H; R; PK			
TX3439		"The Ecosystem of Google Technologies," CIO Review (accessed: <a href="https://google.cioreview.com/cxoinight/the-ecosystem-of-google-technologies-nid-5859-cid-82.html">https://google.cioreview.com/cxoinight/the-ecosystem-of-google-technologies-nid-5859-cid-82.html</a> )	N/A		403; A; U; H; R; PK			
TX3440		"The Google Assistant Smart Home Ecosystem Is Slowly Starting To Take Shape," The Verge, November 14, 2018 (accessed: <a href="https://www.theverge.com/2018/11/14/18093872/google-assistant-smart-home-broadcast-reply-routines">https://www.theverge.com/2018/11/14/18093872/google-assistant-smart-home-broadcast-reply-routines</a> )	N/A		403; A; U; H; R; PK			
TX3441		"The Impact of Technology Consumer Behavior," The Keenfolks (accessed: <a href="https://thekeenfolks.com/theimpact-of-technology-on-consumer-behaviour/">https://thekeenfolks.com/theimpact-of-technology-on-consumer-behaviour/</a> )	N/A		403; A; U; H; R; PK			
TX3442		"The New Sonos S2 App Introduces High-Res Audio But Leaves Old Speakers Behind," ReviewGeek, June 8, 2020 (accessed: <a href="https://www.reviewgeek.com/44564/the-new-sonos-s2-app-introduceshigh-res-audio-but-leaves-old-speakers-behind/">https://www.reviewgeek.com/44564/the-new-sonos-s2-app-introduceshigh-res-audio-but-leaves-old-speakers-behind/</a> )	N/A		403; A; U; H; R; PK			
TX3443		"The Rise of AI-Enabled Smart Speakers And Their Future In Our Lives," Forbes, July 8, 2019 (accessed: <a href="https://www.forbes.com/sites/forbestechcouncil/2019/07/08/the-rise-of-ai-enabled-smart-speakers-and-theirfuture-in-our-lives/?sh=4b3f51dc35ab">https://www.forbes.com/sites/forbestechcouncil/2019/07/08/the-rise-of-ai-enabled-smart-speakers-and-theirfuture-in-our-lives/?sh=4b3f51dc35ab</a> )	GOOG-SONOSNDCA-00124428		403; A; U; H; R; PK			
TX3444		"The Smart Audio Report," NPR, Spring 2020, Slide 9 (accessed: <a href="https://www.nationalpublicmedia.com/uploads/2020/04/The-Smart-Audio-Report_Spring-2020.pdf">https://www.nationalpublicmedia.com/uploads/2020/04/The-Smart-Audio-Report_Spring-2020.pdf</a> )	N/A		403; A; U; H; R; PK			
TX3445		"The Ultimate Guide to Setting Up Your Smart Home," Wired, July 20, 2021 (accessed: <a href="https://www.wired.com/story/how-to-set-up-smart-home/">https://www.wired.com/story/how-to-set-up-smart-home/</a> )	N/A		403; A; U; H; R; PK			
TX3446		"These Are The Features That Make Google's New Pixel Phones Special," The Verge, October 4, 2016 (accessed: <a href="https://www.theverge.com/2016/10/4/13144486/google-phone-features-pixelsoftware-announced">https://www.theverge.com/2016/10/4/13144486/google-phone-features-pixelsoftware-announced</a> )	N/A		403; A; U; H; R; PK			
TX3447		"This Is Disgusting: Angry Sonos Customers Are Calling For A Boycott," Fastcompany.com, January 22, 2020 (accessed: <a href="https://www.fastcompany.com/90454672/this-is-disgustingangry-sonos-customers-are-calling-for-a-boycott">https://www.fastcompany.com/90454672/this-is-disgustingangry-sonos-customers-are-calling-for-a-boycott</a> )	N/A		403; A; DU; U; H; R; PK			
TX3448		"Tom's Guide Awards 2021: Our Favorite Smart Home Devices This Year," Tom's Guide, July 8, 2021 (accessed: <a href="https://www.tomsguide.com/news/toms-guide-awards-2021-smart-home">https://www.tomsguide.com/news/toms-guide-awards-2021-smart-home</a> )	N/A		403; A; U; H; R; PK			
TX3449		"Trusted Reviews Awards 2021: Google Assistant Wins Digital Assistant Of The Year," Trusted Reviews, October 15, 2021 (accessed: <a href="https://www.trustedreviews.com/news/trusted-reviews-awards-2021-google-assistant-wins-digital-assistant-of-the-year-4173347#:~:text=Trusted%20Reviews%20Awards%202021%3A%20Google%20Assistant%20wins%20Digital%20Assistant%20of%20the%20Year,-By%20David%20Ludlow&amp;text=Google%20Assistant%20has%20been%20crowded,to%20claim%20the%20top%20prize">https://www.trustedreviews.com/news/trusted-reviews-awards-2021-google-assistant-wins-digital-assistant-of-the-year-4173347#:~:text=Trusted%20Reviews%20Awards%202021%3A%20Google%20Assistant%20wins%20Digital%20Assistant%20of%20the%20Year,-By%20David%20Ludlow&amp;text=Google%20Assistant%20has%20been%20crowded,to%20claim%20the%20top%20prize</a> )	N/A		403; A; U; H; R; PK			

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TX3450		"Using Principled Negotiation to Resolve Disagreements," April 5, 2021, Harvard University Program on Negotiation (accessed: <a href="https://www.pon.harvard.edu/daily/dispute-resolution/principled-negotiation-resolve-disagreements/">https://www.pon.harvard.edu/daily/dispute-resolution/principled-negotiation-resolve-disagreements/</a> )	N/A		403; A; U; H; R; PK			
TX3451		"Valuation Methods," Venture Valuation (accessed: <a href="http://www.venturevaluation.com/en/methodology/valuation-methods">http://www.venturevaluation.com/en/methodology/valuation-methods</a> )	N/A		403; A; U; H; R; PK			
TX3452		"Weak Smartphone Margins Are Motivating Samsung To Raise Memory Prices," Seeking Alpha (accessed: <a href="https://seekingalpha.com/article/4210176-weak-smartphone-margins-motivating-samsung-raise-memoryprices">https://seekingalpha.com/article/4210176-weak-smartphone-margins-motivating-samsung-raise-memoryprices</a> )	N/A		403; A; U; H; R; PK			
TX3453		"What Is Google Assistant And What Can It Do?" Pocket-Lint, May 10, 2022 (accessed: <a href="https://www.pocket-lint.com/apps/news/google/137722-what-is-google-assistant-how-does-it-work-and-whichdevices-offer-it">https://www.pocket-lint.com/apps/news/google/137722-what-is-google-assistant-how-does-it-work-and-whichdevices-offer-it</a> )	N/A		403; A; U; H; R; PK			
TX3454		"What is If this, then that (IFTTT)? Everything you need to know," TechAhead website, January 8, 2020 (accessed: <a href="https://www.techaheadcorp.com/blog/what-is-ifttt/">https://www.techaheadcorp.com/blog/what-is-ifttt/</a> )	N/A		403; A; U; H; R; PK			
TX3455		"What is IFTTT? How To Use If This, Then That Services," by James A. Martin and Matthew Finnegan, ComputerWorld.com website, September 25, 2020 (accessed: <a href="https://www.computerworld.com/article/3239304/what-is-ifttt-how-to-use-if-this-then-that-services.html">https://www.computerworld.com/article/3239304/what-is-ifttt-how-to-use-if-this-then-that-services.html</a> )	N/A		403; A; U; H; R; PK			
TX3456		"What Is Sonos S2 And What Sonos Devices Are Not Compatible," Pocket-lint, June 21, 2022 (accessed: <a href="https://www.pocketlint.com/speakers/news/sonos/150801-sonos-discontinued-speakers-what-to-do-with-them">https://www.pocketlint.com/speakers/news/sonos/150801-sonos-discontinued-speakers-what-to-do-with-them</a> );	N/A		403; A; U; H; R; PK			
TX3457		"What Is Sonos S2? Here's What You Need To Know About The Latest App And Operating System For Sonos Audio Devices," Business Insider, January 14, 2021 (accessed: <a href="https://www.businessinsider.com/guides/tech/what-is-sonos-s2">https://www.businessinsider.com/guides/tech/what-is-sonos-s2</a> )	N/A		403; A; U; H; R; PK			
TX3458		"What Is The Average Lifespan Of A Smartphone?" CoolBlue.nl, January 11, 2022, <a href="https://www.coolblue.nl/en/advice/lifespan-smartphone.html">https://www.coolblue.nl/en/advice/lifespan-smartphone.html</a>	N/A		403; A; U; H; R; PK			
TX3459		"What's the Matter? We Explain the New Smart Home Standard," Wired, April 3, 2022 (accessed: <a href="https://www.wired.com/story/what-is-matter/">https://www.wired.com/story/what-is-matter/</a> )	N/A		403; A; U; H; R; PK			
TX3460		"Which Companies Spend the Most in Research and Development (R&D)," Nasdaq, June 21, 2021 (accessed: <a href="https://www.nasdaq.com/articles/which-companies-spend-the-most-in-research-and-development-rd-2021-06-21">https://www.nasdaq.com/articles/which-companies-spend-the-most-in-research-and-development-rd-2021-06-21</a> )	N/A		403; A; U; H; R; PK			
TX3461		"Your Questions, Answered" Legrand website (accessed: <a href="https://www.legrand.us/nuvo/update">https://www.legrand.us/nuvo/update</a> )	N/A		403; A; U; H; R; PK			
TX3462		"YouTube Kids," YouTube Kids website (accessed: <a href="https://www.youtube.com/kids/">https://www.youtube.com/kids/</a> )	N/A		403; A; U; H; R; PK			
TX3463		"YouTube Music, A New Music Streaming Service, Is Coming Soon," YouTube, May 16, 2018 (accessed: <a href="https://blog.youtube/news-and-events/youtube-music-new-music-streaming/">https://blog.youtube/news-and-events/youtube-music-new-music-streaming/</a> )	N/A		403; A; U; H; R; PK			
TX3464		"YouTube Officially Launches YouTube TV In Select Markets," CNBC, April 5, 2017 (accessed: <a href="https://www.cnbc.com/2017/04/05/youtube-officially-launches-youtube-tv-in-select-markets.html">https://www.cnbc.com/2017/04/05/youtube-officially-launches-youtube-tv-in-select-markets.html</a> )	N/A		403; A; U; H; R; PK			
TX3465		"YouTube Partner Program Overview & Eligibility" (accessed: <a href="https://support.google.com/adsense/answer/72851?hl=en">https://support.google.com/adsense/answer/72851?hl=en</a> )	N/A		403; A; U; H; R; PK			

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TRIAL EX.	DATE	DESCRIPTION	BATES BEGIN	GOOGLE'S OBJECTIONS	SONOS'S OBJECTIONS	DATE OFFERED	DATE ADMITTED	LIMITATIONS OF USE
TX3466		"YouTube TV," YouTube TV website (accessed: <a href="https://tv.youtube.com/welcome/?gclid=EAlaIqobChMxfKji-jBAIVi8LCBB1TcwnpEAAyASAAEgLA2_D_BwE&amp;gclid=aw.ds&amp;utm_servlet=prod&amp;zipcode=77007">https://tv.youtube.com/welcome/?gclid=EAlaIqobChMxfKji-jBAIVi8LCBB1TcwnpEAAyASAAEgLA2_D_BwE&amp;gclid=aw.ds&amp;utm_servlet=prod&amp;zipcode=77007</a> )	N/A		403; A; U; H; R; PK			
TX3467		"YouTube Unveils YouTube TV, Its Live TV Streaming Service," Tech Crunch, February 28, 2017 (accessed: <a href="https://techcrunch.com/2017/02/28/youtube-launchesyoutube-tv-its-live-tv-streaming-service/">https://techcrunch.com/2017/02/28/youtube-launchesyoutube-tv-its-live-tv-streaming-service/</a> )	N/A		403; A; U; H; R; PK			
TX3468		"YouTube's Advertising Revenues As Percentage Of Google's Global Revenues From 2017 To 2021," Statista, February 2022 (accessed: <a href="https://www.statista.com/statistics/289659/youtube-share-of-google-total-ad-revenues/">https://www.statista.com/statistics/289659/youtube-share-of-google-total-ad-revenues/</a> )	N/A		403; A; U; H; R; PK			
TX3469		WITHDRAWN						
TX3470	N/A	Accused "User Devices" - Depo Ex. Schmidt 10	N/A		403; U; H; PK; N			
TX3471		All appendices from the Malackowski Rebuttal Report	N/A		403; H; N; R			
TX3472		All appendices from the Malackowski Supplemental Rebuttal Report	N/A		403; H; N; R			
TX3473		WITHDRAWN						
TX3474		WITHDRAWN						
TX3475		WITHDRAWN						
TX3476		WITHDRAWN						
TX3477		WITHDRAWN						
TX3478		WITHDRAWN						
TX3479		WITHDRAWN						
TX3480		WITHDRAWN						
TX3481		WITHDRAWN						
TX3482		WITHDRAWN						
TX3483		WITHDRAWN						
TX3484		WITHDRAWN						
TX3485	1/5/2018	Amazon and Google Lost Money on Discounted Echo Dots and Google Home Minis - Depo Ex. Malackowski 6	N/A		403; U; H; R; PK			
TX3486	1/3/2018	Amazon and Google Probably lost money on their smart speakers over Christmas - Depo Ex. Malackowski 7	N/A		403; U; H; R; PK			
TX3487		Amazon Marketplace Sales, Stackline, January 1, 2019 through November 26, 2022	GOOG-SONOSNDCA-00121811		403; U; H; R; PK			
TX3488		WITHDRAWN						
TX3489	N/A	Android (Pixel 4XL) physical exhibit	N/A		403; U; R; PK			
TX3490		WITHDRAWN						
TX3491		WITHDRAWN						
TX3492		WITHDRAWN						
TX3493		Arc, Sonos website (accessed: <a href="https://www.sonos.com/en-us/shop/arc">https://www.sonos.com/en-us/shop/arc</a> )	N/A		403; U; H; PK			
TX3494		WITHDRAWN						
TX3495		Beam, Sonos website (accessed: <a href="https://www.sonos.com/en-us/shop/beam">https://www.sonos.com/en-us/shop/beam</a> )	N/A		403; A; U; H; R; PK			
TX3496		Before You Buy Chromecast: Models Comparison & Pricing Guide In 2023, Cloudwards, March 17, 2022 (accessed: <a href="https://www.cloudwards.net/buy-chromecast/#::~text=Chromecast%20Ultra%20is%20now%20discontinued%20for%20single%20sale%20C,Google%20Stadia%20Premiere%20Edition%20on%20the%20Google%20Store">https://www.cloudwards.net/buy-chromecast/#::~text=Chromecast%20Ultra%20is%20now%20discontinued%20for%20single%20sale%20C,Google%20Stadia%20Premiere%20Edition%20on%20the%20Google%20Store</a> )	N/A		403; A; U; H; R; PK			
TX3497		Billions: How exactly do Apple and Google count app downloads? The Next Web, May 16, 2013 (accessed: <a href="https://thenextweb.com/news/billionshow-exactly-do-apple-and-google-count-app-downloads">https://thenextweb.com/news/billionshow-exactly-do-apple-and-google-count-app-downloads</a> )	N/A		403; A; U; H; R; PK			
TX3498		Blodget, Henry, "Sorry, Apple Fans, Amazon Is Sucking The Profit Out Of iPads – iPhones Next?" Business Insider, September 7, 2012 (accessed: <a href="https://www.businessinsider.com/apple-tablet-profits-2012-9?r=MX&amp;IR=T">https://www.businessinsider.com/apple-tablet-profits-2012-9?r=MX&amp;IR=T</a> )	N/A		403; A; U; H; R; PK			
TX3499		WITHDRAWN						

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TX3500		Boer, Peter, "Risk Adjusted Valuation of R&D Projects," 2003 (accessed: <a href="http://www.boer.org/files/2003.pdf">http://www.boer.org/files/2003.pdf</a> )	N/A		403; A; U; H; R; PK			
TX3501		Bohn, D., "The Google Assistant smart home ecosystem is slowly starting to take shape," TheVerge.com, <a href="https://www.theverge.com/2018/11/14/18093872/google-assistant-smart-home-broadcast-reply-routines">https://www.theverge.com/2018/11/14/18093872/google-assistant-smart-home-broadcast-reply-routines</a>	N/A		403; A; U; H; R; PK			
TX3502		Brach, Marion, "Real Options in Practice," 2003, pp. 46-47 (accessed: <a href="http://www.fxfl.com/english-books/Real%20Options%20In%20Practice.pdf">http://www.fxfl.com/english-books/Real%20Options%20In%20Practice.pdf</a> )	N/A		403; U; H; R; PK; INC			
TX3503		C. Bakewell Rebuttal Report Exhibits 1.0, 2.0, 2.1, 2.2, 2.3, 2.4, 2.5, 3.0, 3.1, 3.2, 3.3, 3.4, 3.5, 3.6, 3.7, 3.8, 3.9, 3.10, 3.11, 3.12, 3.13, 3.14, 3.15, 3.16, 4.0, 4.1, 4.2, 4.3, 4.4, 4.5, 4.6, 4.7, 4.8, 4.9, 4.10, 4.11, 4.12, 4.13, 4.14, 4.15, 5.0, 5.1, 5.2, 5.3, 5.4, 5.5, 6.0, 7.0, 7.1, 8.0, 8.1, 9.0, 9.1, 10.0, 11.0, 11.1, 11.2, 12.0, 12.1, 13.0, 13.1, 14., 14.1, 14.2, 14.3, 14.4, 14.5, 15., 15.1	N/A		403; H; N; R			
TX3504		Cast to TV, Google Play Store (accessed: <a href="https://play.google.com/store/apps/details?id=cast.video.screenmirroring.casttotv">https://play.google.com/store/apps/details?id=cast.video.screenmirroring.casttotv</a> )	N/A		403; U; H; PK			
TX3505		Cast Web Videos to Smart TVs, Google Play Store (accessed: <a href="https://play.google.com/store/apps/details?id=castify.roku&amp;hl=en_US&amp;gl=US">https://play.google.com/store/apps/details?id=castify.roku&amp;hl=en_US&amp;gl=US</a> )	N/A		403; A; U; H; R; PK			
TX3506		WITHDRAWN						
TX3507		Chromecast (2013) Review, TechRader, October 27, 2015 (accessed: <a href="https://www.techradar.com/reviews/gadgets/portable-video/chromecast-2013-1171126/review/2">https://www.techradar.com/reviews/gadgets/portable-video/chromecast-2013-1171126/review/2</a> )	N/A		403; A; U; H; R; PK			
TX3508		Chromecast Audio: What It Is and How It Works, LiveWire, May 5, 2021 (accessed: <a href="https://www.lifewire.com/chromecast-audio-4162032">https://www.lifewire.com/chromecast-audio-4162032</a> )	N/A		403; A; U; H; R; PK			
TX3509	N/A	Chromecast physical exhibit	N/A		403; U; R; PK			
TX3510		Chromecast Specifications, Chrome Cast Help, (accessed: <a href="https://support.google.com/chromecast/answer/3046409?hl=en#zippy=">https://support.google.com/chromecast/answer/3046409?hl=en#zippy=</a> )	N/A		403; A; U; H; R; PK			
TX3511		Chromecast With Google TV 4K Review, Tom's Guide, (accessed: <a href="https://www.tomsguide.com/reviews/chromecast-with-google-tv">https://www.tomsguide.com/reviews/chromecast-with-google-tv</a> )	N/A		403; A; U; H; R; PK			
TX3512		CNET, October 22, 2018 (accessed: <a href="https://www.cnet.com/pictures/everything-the-google-home-hub-can-do/">https://www.cnet.com/pictures/everything-the-google-home-hub-can-do/</a> )	N/A		403; A; U; H; R; PK			
TX3513		Compare Smart Dispalys, Google Store, (accessed: <a href="https://store.google.com/us/magazine/compare_nest_hub?hl=en-US">https://store.google.com/us/magazine/compare_nest_hub?hl=en-US</a> )	N/A		403; A; U; H; R; PK			
TX3514		Competing In Smartphones Demands More Than Great Hardware -- You Need A Strong Ecosystem," Forbes, May 9, 2018 (accessed: <a href="https://www.forbes.com/sites/forrester/2018/05/09/competing-in-smartphonesdemands-more-than-great-hardware-you-need-a-strong-ecosystem/#a9010769bd6d">https://www.forbes.com/sites/forrester/2018/05/09/competing-in-smartphonesdemands-more-than-great-hardware-you-need-a-strong-ecosystem/#a9010769bd6d</a> )	N/A		403; A; U; H; R; PK			
TX3515		Complaint for Patent Infringement, Sonos, Inc. v. D&M Holdings Inc. d/b/a The D+M Group, D&M Holdings U.S. Inc., and Denon Electronics (USA), LLC, Case No. 1:14-cv-1330, October 21, 2014	N/A		403; U; H; R; PK; N			
TX3516		Complaint for Patent Infringement, Sonos, Inc. v. Lenbrook Industries Limited and Lenbrook America Corp., Case No. 2:19-cv-5411, June 20, 2019	N/A		403; U; H; R; PK; N			
TX3517		Corrections, Clarifications and Updates to Rebuttal Expert Report of C. Bakewell	N/A		403; H; N; R; U			
TX3518		Counterclaim, D&M Holdings, Inc., et al. v. Sonos, Inc., Case No. 1:16-cv-141, March 7, 2016 [SEALED] (accessed: <a href="https://ecf.ded.uscourts.gov/cgi-bin/HistDocQry.pl?147297999057502-L_1_0-1">https://ecf.ded.uscourts.gov/cgi-bin/HistDocQry.pl?147297999057502-L_1_0-1</a> )	N/A		403; U; H; PK; N			
TX3519		Culbertson, J. and Weinstein, R. "Product Substitutes and the Calculation of Patent Damages." J. Patent and Trademark Office Society, 70.11, 1998	GOOG-SONOSNDCA-00120207		403; H; R; U			
TX3520		David C. Colander, Microeconomics (Eleventh Edition), 2020	GOOG-SONOSNDCA-00120217		403; H; R; INC; PK; U			
TX3521	4/27/2021	Declaration of Douglas C. Schmidt - Depo Ex. Schmidt 1	N/A		403; H; N; R			

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TX3522	5/5/2022	Declaration of Douglas Schmidt in Support of Sonos's Motion for Summary Judgment	N/A		403; H; N; R			
TX3523		Delgado, Camilo, "How long will a tablet last?" PC Guide, September 23, 2022 (accessed: <a href="https://www.pcguides.com/tablet/faq/how-long-will-a-tablet-last/">https://www.pcguides.com/tablet/faq/how-long-will-a-tablet-last/</a> )	N/A		403; A; H; N; R; INC; PK; U			
TX3524		Demonstratives to the 11.30.2022 Opening Expert Report of Dr. Dan Schonfeld Regarding U.S. Patent no. 10,848,885 and U.S. Patent No. 10,469,966	N/A		403; H; R; PK; U			
TX3525	6/28/2016	Digital Archeology, <a href="http://digital-archaeology.org/plotting-the-past/">http://digital-archaeology.org/plotting-the-past/</a>	N/A		403; A; H; R; PK; U			
TX3526		Distribution of Android apps per download range as of 1st quarter 2018, Statista, April 2018 (accessed: <a href="https://www.statista.com/statistics/269884/android-app-downloads/">https://www.statista.com/statistics/269884/android-app-downloads/</a> )	N/A		403; A; H; R; PK; U			
TX3527		Dkt. No. 316 (Order Granting Google's MSJ On The '615 Patent)	N/A		403; H; N; R			
TX3528	8/23/2022	Email from C. Richter to A. Aubry	N/A		403; H; R; PK; U; N			
TX3529		WITHDRAWN						
TX3530		Ex. 3, (2022-12-13 Email fr Richter to Kaplan)	N/A		403; H; R; PK; U; N			
TX3531		Ex. 4 (2022-08-25 Email fr Leroy to Richter)	N/A		403; H; R; PK; U; N			
TX3532	N/A	Exhibits 5 and 6 to the 11/30/2022 Jardini Report	N/A		403; H; N; R			
TX3533		WITHDRAWN						
TX3534		Exhibits 2, 3, and 4 to the 1/13/2023 Rebuttal Report of D. Schonfeld	N/A		403; H; N; R			
TX3535		WITHDRAWN						
TX3536		WITHDRAWN						
TX3537		WITHDRAWN						
TX3538		WITHDRAWN						
TX3539		WITHDRAWN						
TX3540		WITHDRAWN						
TX3541		WITHDRAWN						
TX3542		WITHDRAWN						
TX3543		WITHDRAWN						
TX3544		WITHDRAWN						
TX3545		WITHDRAWN						
TX3546		WITHDRAWN						
TX3547		WITHDRAWN						
TX3548		WITHDRAWN						
TX3549		Explore Google Assistant Features (Nest Wifi Point Only), Google Nest Help, (accessed: <a href="https://support.google.com/googlenest/topic/9837771?hl=en&amp;ref_topic=9832044">https://support.google.com/googlenest/topic/9837771?hl=en&amp;ref_topic=9832044</a> )	N/A		403; A; H; N; R; PK; INC; U			
TX3550		FAQ, Web Video Caster (accessed: <a href="https://www.webvideocaster.app/faq">https://www.webvideocaster.app/faq</a> )	N/A		403; A; H; N; R; PK; INC; U			
TX3551		Fisher, Roger, William L. Ury, and Bruce Patton, Getting to Yes: Negotiating Agreement Without Giving In, Penguin Books, 2011	GOOG-SONOSNDCA-00120562		403; A; H; R; PK; INC; U			
TX3552		Five, Sonos website (accessed: <a href="https://www.sonos.com/en-us/shop/five">https://www.sonos.com/en-us/shop/five</a> )	N/A		403; A; H; N; R; PK; INC; U			
TX3553	N/A	For loop in C++ with example - Depo Ex. Schmidt 5	N/A		403; A; H; N; R; PK; INC; U			
TX3554		Franklin, Mitchell, et al., Principles of Accounting, Volume 2: Managerial Accounting, 2019	GOOG-SONOSNDCA-00120725		403; A; H; R; PK; INC; U			
TX3555		Frue, Kiesha, "SWOT Analysis of Dell Technologies: Is the Declining Laptop Market a Major Threat?" Pestle Analysis, November 20, 2018 (accessed: <a href="https://pestleanalysis.com/swot-analysis-of-dell/">https://pestleanalysis.com/swot-analysis-of-dell/</a> )	N/A		403; A; H; R; PK; INC; U			
TX3556		GamingCast For Chromecast Brings Retro Games To Your HDTV, Geeky Gadgets, March 11, 2014 (accessed: <a href="https://www.geeky-gadgets.com/gamingcast-for-chromecast-brings-retro-games-to-your-hdtv-11-03-2014/">https://www.geeky-gadgets.com/gamingcast-for-chromecast-brings-retro-games-to-your-hdtv-11-03-2014/</a> )	N/A		403; A; H; R; PK; INC; U			
TX3557		Gartner Market Statistics Market Share: PCs, Tablets and Mobile Phones, All Countries, 3Q22 Update (Q1 2020 - Q3 2022)	GOOG-SONOSNDCA-00120751		403; A; BE; H; R; PK; INC; U			
TX3558		Gartner Market Statistics Market Share: PCs, Ultramobiles and Mobile Phones, All Countries, 1Q22 Update (Q1 2017 - Q4 2019)	GOOG-SONOSNDCA-00120754		403; A; BE; H; R; PK; INC; U			
TX3559	12/31/2004	Google annual report for fiscal year ("FY") ending 12/31/04	N/A		403; A; H; R; PK; U			
TX3560	12/31/2013	Google annual report for fiscal year ("FY") ending 12/31/13	N/A		403; A; H; R; PK; U			



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TX3561		Google Chromecast (2nd Gen) Streaming Media Device, Consumer Reports, (accessed: <a href="https://www.consumerreports.org/products/streaming-media-34794/streaming-media-devices-36862/googlechromecast-2nd-gen-384759/">https://www.consumerreports.org/products/streaming-media-34794/streaming-media-devices-36862/googlechromecast-2nd-gen-384759/</a> )	N/A		403; A; BE; H; R; N; PK; IL; INC; U			
TX3562		Google Chromecast (3rd Generation) Review, Techradar, June 30, 2022 (accessed: <a href="https://www.techradar.com/uk/reviews/audio-visual/av-accessories/chromecast-1305399/review">https://www.techradar.com/uk/reviews/audio-visual/av-accessories/chromecast-1305399/review</a> )	N/A		403; A; H; R; PK; INC; U			
TX3563		Google Chromecast review: simple, fast internet TV, The Guardian, March 20, 2014 (accessed: <a href="https://www.theguardian.com/media/2014/mar/20/google-chromecast-review-streaming-stick">https://www.theguardian.com/media/2014/mar/20/google-chromecast-review-streaming-stick</a> )	N/A		403; A; H; R; PK; INC; U			
TX3564		Google Discontinues Its Chromecast Audio Device, CNET, January 11, 2019 (accessed: <a href="https://www.cnet.com/tech/home-entertainment/google-discontinues-its-chromecast-audio-device/">https://www.cnet.com/tech/home-entertainment/google-discontinues-its-chromecast-audio-device/</a> )	N/A		403; A; H; R; PK; INC; U			
TX3565		Google Discontinues Its Last Traditional Chromecast, But Software Support Will Continue, 9 To 5 Google, September 22, 2022 (accessed: <a href="https://9to5google.com/2022/09/22/chromecast-discontinued/#:~:text=Now%2C%20the%20Chromecast%20has%20seen%20its%20end%2C%20and,for%20purchase%20until%20the%20remaining%20stock%20runs%20out">https://9to5google.com/2022/09/22/chromecast-discontinued/#:~:text=Now%2C%20the%20Chromecast%20has%20seen%20its%20end%2C%20and,for%20purchase%20until%20the%20remaining%20stock%20runs%20out</a> )	N/A		403; A; H; R; PK; INC; U			
TX3566		Google Home review: The Assistant steps into your living room," Engadget.com, November 3, 2016, (accessed: <a href="https://www.engadget.com/2016-11-03-google-home-review.html">https://www.engadget.com/2016-11-03-google-home-review.html</a> )	N/A		403; A; H; R; PK; INC; U			
TX3567		Google Improves Chromecast Mobile Gaming With Game Casting, Android Headlines, September 29, 2015, (accessed: <a href="https://www.androidheadlines.com/2015/09/google-improves-chromecast-mobile-gaming-with-game-casting.html">https://www.androidheadlines.com/2015/09/google-improves-chromecast-mobile-gaming-with-game-casting.html</a> )	N/A		403; A; H; R; PK; INC; U			
TX3568		Google Inc., Form 10-K for the fiscal year ended December 31, 2015	N/A		403; A; H; R; PK			
TX3569		WITHDRAWN						
TX3570		Google LLC's Answer to Sonos, Inc.'s Third Amended Complaint, Dkt. 222-2, Sonos, Inc. v. Google LLC, No. 3:21-cv-07559-WHA (July 22, 2022)	N/A		403; H; N; R; U			
TX3571		Google Nest and Home Device Specifications, Google Support.com (accessed: <a href="https://support.google.com/googlenest/answer/7072284#zippy=">https://support.google.com/googlenest/answer/7072284#zippy=</a> )	N/A		403; A; H; R; PK; INC; U			
TX3572		Google Nest Audio Review: Big Muscles, Strong Results, Digital Trends, October 5, 2020 (accessed: <a href="https://www.digitaltrends.com/home/google-nest-audio-review/">https://www.digitaltrends.com/home/google-nest-audio-review/</a> )	N/A		403; A; H; R; PK; INC; U			
TX3573		Google Nest Audio Review: The Sweet Spot, The Verge, October 5, 2020, (accessed: <a href="https://www.theverge.com/21501300/google-nest-audio-assistant-smart-speaker-review-price-specs-features">https://www.theverge.com/21501300/google-nest-audio-assistant-smart-speaker-review-price-specs-features</a> )	N/A		403; A; H; R; PK; INC; U			
TX3574		Google Nest Help: Browse All Features. Google Support.com (accessed: <a href="https://support.google.com/googlenest/topic/7195269?hl=en&amp;ref_topic=7195017">https://support.google.com/googlenest/topic/7195269?hl=en&amp;ref_topic=7195017</a> )	N/A		403; A; H; R; PK; INC; U			
TX3575		Google Nest Hub (2nd gen) review: More for your money, CNET, (accessed: <a href="https://www.cnet.com/home/smart-home/googlenest-hub-2nd-gen-review/">https://www.cnet.com/home/smart-home/googlenest-hub-2nd-gen-review/</a> )	N/A		403; A; H; R; PK; INC; U			
TX3576		Google Nest Hub, Google Store (accessed: <a href="https://store.google.com/us/product/nest_hub_2nd_gen_specs?hl=en-US">https://store.google.com/us/product/nest_hub_2nd_gen_specs?hl=en-US</a> )	N/A		403; A; H; R; PK; INC; U			
TX3577		Google Nest Hub, Walmart (accessed: <a href="https://www.walmart.com/ip/Google-Nest-Hub-Chalk/473535403">https://www.walmart.com/ip/Google-Nest-Hub-Chalk/473535403</a> )	N/A		403; A; H; R; PK; INC; U			
TX3578		Google Nest Mini vs Google Nest Audio Side-by-Side Comparison, Rtings.com (accessed: <a href="https://www.rtings.com/speaker/tools/compare/google-nest-mini-vs-google-nest-audio/8072/18676?usage=10159&amp;threshold=0.10">https://www.rtings.com/speaker/tools/compare/google-nest-mini-vs-google-nest-audio/8072/18676?usage=10159&amp;threshold=0.10</a> )	N/A		403; A; H; R; PK; INC; U			



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TRIAL EX.	DATE	DESCRIPTION	BATES BEGIN	GOOGLE'S OBJECTIONS	SONOS'S OBJECTIONS	DATE OFFERED	DATE ADMITTED	LIMITATIONS OF USE
TX3579		Google Nest Wifi Point, Crutchfield, (accessed: <a href="https://www.crutchfield.com/S-vgHX5krCgvY/p_806GA01422/Google-Nest-Wifi-Point-Sand.html?XVINQ=BD1&amp;XVVER=PPP&amp;awcr=76965828825199&amp;awdv=c&amp;awkw=Nest%20Wifi%20point%20Audio%20Streaming%20Capabilit&amp;awmt=b&amp;awnw=o&amp;awat=&amp;awug=77188&amp;msclkid=4185bd6299d3154cd035dedf9ac60470">https://www.crutchfield.com/S-vgHX5krCgvY/p_806GA01422/Google-Nest-Wifi-Point-Sand.html?XVINQ=BD1&amp;XVVER=PPP&amp;awcr=76965828825199&amp;awdv=c&amp;awkw=Nest%20Wifi%20point%20Audio%20Streaming%20Capabilit&amp;awmt=b&amp;awnw=o&amp;awat=&amp;awug=77188&amp;msclkid=4185bd6299d3154cd035dedf9ac60470</a> )	N/A		403; A; H; R; PK; INC; U			
TX3580	4/10/2014	Google Play Music adds built-in Sonos support on Android - Depo Ex. Kwazur 19	N/A		403; A; H; R; PK; INC; U			
TX3581		Google Store (accessed: <a href="https://store.google.com/?&amp;43700028976493334&amp;gclid=EAaIaQobChMigZfKht_l-AIVK__jBx3dzQc_EAAYASAAEgLRNPD_BwE&amp;gclsrc=aw.ds&amp;hl=en-US">https://store.google.com/?&amp;43700028976493334&amp;gclid=EAaIaQobChMigZfKht_l-AIVK__jBx3dzQc_EAAYASAAEgLRNPD_BwE&amp;gclsrc=aw.ds&amp;hl=en-US</a> )	N/A		403; A; H; R; PK; INC; U			
TX3582		Google Store Stops Selling Original Google Home In The US, 9To5Google, (accessed: <a href="https://9to5google.com/2020/05/27/original-google-home/#:~:text=Google%20Store%20stops%20selling%20original%20Google%20Home%20in,possible%20end%20for%20the%20nearly%20four-year-old%20Assistant%20device">https://9to5google.com/2020/05/27/original-google-home/#:~:text=Google%20Store%20stops%20selling%20original%20Google%20Home%20in,possible%20end%20for%20the%20nearly%20four-year-old%20Assistant%20device</a> )	N/A		403; A; H; R; PK; INC; U			
TX3583		Google Support.com, (accessed: <a href="https://support.google.com/googlenest/answer/7072284#zippy=">https://support.google.com/googlenest/answer/7072284#zippy=</a> )	N/A		403; A; H; R; PK; INC; U			
TX3584	11/4/1998	Google webpage, 1998 - <a href="https://web.archive.org/web/19981111183552/http://google.stanford.edu/">https://web.archive.org/web/19981111183552/http://google.stanford.edu/</a>	N/A		403; A; H; R; PK; INC; U			
TX3585		WITHDRAWN						
TX3586		WITHDRAWN						
TX3587		WITHDRAWN						
TX3588		WITHDRAWN						
TX3589		WITHDRAWN						
TX3590	11/21/2022	Google's Eighth Suppl O&Rs to Sonos's First Set of ROGs [18]	N/A		403; H; N; R; U			
TX3591	2/21/2023	Google's Eleventh Suppl O&Rs to Sonos's First Set of ROGs [14]	N/A		403; H; N; R; U			
TX3592		Google's New Pixel Slate Comes with 3 Free Months of YouTube TV, The Streamable, October 9, 2018 (accessed: <a href="https://thestreamable.com/news/google-s-new-devices-come-with-3-free-months-of-youtube-tv">https://thestreamable.com/news/google-s-new-devices-come-with-3-free-months-of-youtube-tv</a> )	N/A		403; H; N; R; U			
TX3593	11/29/2022	Google's Ninth Suppl O&Rs to Sonos's First Set ROGs [12]	N/A		403; H; N; R; U			
TX3594	11/14/2022	Google's O&Rs to Sonos's Fourth Set of RFPs [115-117]	N/A		403; H; N; R; U			
TX3595	11/14/2022	Google's O&Rs to Sonos's Third Set of ROGs [22-23]	N/A		403; H; N; R; U			
TX3596	11/7/2022	Google's Objs. & Resps. to Sonos's Second Set of RFAs [13-46]	N/A		403; H; N; R; U			
TX3597	N/A	Google's PROD061 x-ref - Depo Ex. Malackowski 14	N/A		403; H; N; R; U			
TX3598	11/30/2022	Google's Tenth Suppl O&Rs to Sonos' First Set of ROGs [5,9,17,21]	N/A		403; H; N; R; U			
TX3599	11/3/2022	Google's Third Suppl O&Rs to Sonos' First Set of ROGs [15]	N/A		403; H; N; R; U			
TX3600		Green, Timothy, "HP's PC Profits Fall Back to Earth," The Motley Fool, November 24, 2022 (accessed <a href="https://www.fool.com/investing/2022/11/24/hps-pc-profits-fallback-to-earth/">https://www.fool.com/investing/2022/11/24/hps-pc-profits-fallback-to-earth/</a> )	N/A		403; A; H; R; PK; INC; U			
TX3601		Gwartney, J.D, Stroup, R.L. Economics Private and Public Choice (Eighth Edition), Harcourt Brace College Publishers	GOOG-SONOSNDCA-00120280		403; H; BE; R; PK; INC; U			
TX3602		Hitchner, James R., and Michael J. Mard. Financial Valuation Workbook: Step-By-Step Exercises and Tests to Help You Master Financial Valuation, John Wiley & Sons, Incorporated, 2017	GOOG-SONOSNDCA-00120524		403; H; BE; R; PK; INC; U			
TX3603		WITHDRAWN						
TX3604		How Google Displays the App Installs Count on Google Play Listing? CPIDroid, April 15, 2020 (accessed: <a href="https://cpidroid.com/blog/93/how-google-displays-the-app-installs-count-on-google-play-listing">https://cpidroid.com/blog/93/how-google-displays-the-app-installs-count-on-google-play-listing</a> )	N/A		403; A; H; R; PK; U			
TX3605		How To Stream Live TV On Chromecast Ultra, The Streamable, (accessed: <a href="https://thestreamable.com/streaming-devices/google-chromecast/chromecast-ultra">https://thestreamable.com/streaming-devices/google-chromecast/chromecast-ultra</a> )	N/A		403; A; H; R; PK; U			

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TRIAL EX.	DATE	DESCRIPTION	BATES BEGIN	GOOGLE'S OBJECTIONS	SONOS'S OBJECTIONS	DATE OFFERED	DATE ADMITTED	LIMITATIONS OF USE
TX3606		<a href="http://theaterathome.blogspot.com/2005/09/crestron-cen-ipod.html">http://theaterathome.blogspot.com/2005/09/crestron-cen-ipod.html</a>	N/A		403; A; H; R; PK; U			
TX3607		<a href="http://www.audioreview.com/product/other/mini-systems/bose/lifestyle-50.html">http://www.audioreview.com/product/other/mini-systems/bose/lifestyle-50.html</a>	N/A		403; A; H; R; PK; U			
TX3608		<a href="http://www.mediafire.com/file/0duavcuf1zyuc8u/sonos_dismantle.pdf/file?dkey=0duavcuf1zyuc8u">http://www.mediafire.com/file/0duavcuf1zyuc8u/sonos_dismantle.pdf/file?dkey=0duavcuf1zyuc8u</a>	N/A		403; A; H; R; PK; U			
TX3609		<a href="http://www.winko-erades.nl/how-to-install-SoftSqueeze-on-ubuntu/">http://www.winko-erades.nl/how-to-install-SoftSqueeze-on-ubuntu/</a>	N/A		403; A; H; R; PK; U			
TX3610		WITHDRAWN						
TX3611		WITHDRAWN						
TX3612		WITHDRAWN						
TX3613		<a href="https://apps.apple.com/us/app/google-home/id680819774">https://apps.apple.com/us/app/google-home/id680819774</a>	N/A		403; A; H; R; PK; U			
TX3614		WITHDRAWN						
TX3615		WITHDRAWN						
TX3616		<a href="https://dl.dell.com/manuals/all-products/esuprt_laptop/esuprt_xps_laptop/xps-m140_owner's%20manual_en-us.pdf">https://dl.dell.com/manuals/all-products/esuprt_laptop/esuprt_xps_laptop/xps-m140_owner's%20manual_en-us.pdf</a>	N/A		403; A; H; R; PK; U			
TX3617		<a href="https://en.wikipedia.org/wiki/List_of_features_in_Android">https://en.wikipedia.org/wiki/List_of_features_in_Android</a>	N/A		403; A; H; R; PK; U			
TX3618		<a href="https://en.wikipedia.org/wiki/Slim_Devices">https://en.wikipedia.org/wiki/Slim_Devices</a>	N/A		403; A; H; R; PK; U			
TX3619		<a href="https://github.com/ralph-irving/SoftSqueeze3">https://github.com/ralph-irving/SoftSqueeze3</a>	N/A		403; A; H; R; PK; U			
TX3620		<a href="https://gizmodo.com/slim-devices-squeezebox2-35400">https://gizmodo.com/slim-devices-squeezebox2-35400</a>	N/A		403; A; H; R; PK; U			
TX3621		WITHDRAWN						
TX3622		WITHDRAWN						
TX3623		<a href="https://hexus.net/ce/items/audio-visual/3844-slim-devices-3rd-generation-squeezebox-open-source-based-network-music-player/">https://hexus.net/ce/items/audio-visual/3844-slim-devices-3rd-generation-squeezebox-open-source-based-network-music-player/</a>	N/A		403; A; H; R; PK; U			
TX3624		<a href="https://ifttt.com/">https://ifttt.com/</a>	N/A		403; A; H; R; PK; U			
TX3625		<a href="https://ifttt.com/explore">https://ifttt.com/explore</a>	N/A		403; A; H; R; PK; U			
TX3626		<a href="https://ifttt.com/explore/applets">https://ifttt.com/explore/applets</a>	N/A		403; A; H; R; PK; U			
TX3627		<a href="https://ifttt.com/search/query/Google%20Home">https://ifttt.com/search/query/Google%20Home</a>	N/A		403; A; H; R; PK; U			
TX3628		<a href="https://ifttt.com/search/query/speaker%20group">https://ifttt.com/search/query/speaker%20group</a>	N/A		403; A; H; R; PK; U			
TX3629		<a href="https://ma.tt/2004/12/slimserver/">https://ma.tt/2004/12/slimserver/</a>	N/A		403; A; H; R; PK; U			
TX3630		<a href="https://macdownload.informer.com/SoftSqueeze/">https://macdownload.informer.com/SoftSqueeze/</a>	N/A		403; A; H; R; PK; U			
TX3631		<a href="https://manualzz.com/doc/1317659/crestron-aes-manual">https://manualzz.com/doc/1317659/crestron-aes-manual</a>	N/A		403; A; H; R; PK; U			
TX3632		<a href="https://patentscout.innography.com/">https://patentscout.innography.com/</a>	N/A		403; A; H; R; PK; U			
TX3633		WITHDRAWN						
TX3634		WITHDRAWN						
TX3635		WITHDRAWN						
TX3636		WITHDRAWN						
TX3637		WITHDRAWN						
TX3638		WITHDRAWN						
TX3639		WITHDRAWN						
TX3640		WITHDRAWN						
TX3641		WITHDRAWN						
TX3642		<a href="https://positive-feedback.com/Issue21/squeezebox2.htm">https://positive-feedback.com/Issue21/squeezebox2.htm</a>	N/A		403; A; H; R; PK; U			
TX3643		<a href="https://positive-feedback.com/Issue30/transporter.htm">https://positive-feedback.com/Issue30/transporter.htm</a>	N/A		403; A; H; R; PK; U			
TX3644		<a href="https://s1.q4cdn.com/104539020/files/doc_news/archive/2d9fb483-5565-4f14-bc38-a52049f5b9dd.pdf">https://s1.q4cdn.com/104539020/files/doc_news/archive/2d9fb483-5565-4f14-bc38-a52049f5b9dd.pdf</a>	N/A		403; A; H; R; PK; U			
TX3645		<a href="https://silentscreen.com/squeezebox-3-digital-music-box/">https://silentscreen.com/squeezebox-3-digital-music-box/</a>	N/A		403; A; H; R; PK; U			
TX3646		WITHDRAWN						
TX3647		<a href="https://sites.google.com/a/ewg.k12.ri.us/wikiproject/history-of-the-ipod">https://sites.google.com/a/ewg.k12.ri.us/wikiproject/history-of-the-ipod</a>	N/A		403; A; H; R; PK; U			
TX3648		WITHDRAWN						
TX3649		<a href="https://slate.com/technology/2008/08/the-death-of-planned-obsolescence.html">https://slate.com/technology/2008/08/the-death-of-planned-obsolescence.html</a>	N/A		403; A; H; R; PK; U			
TX3650		<a href="https://SoftSqueeze.soft112.com/">https://SoftSqueeze.soft112.com/</a>	N/A		403; A; H; R; PK; U			
TX3651		<a href="https://SoftSqueeze.software.informer.com/">https://SoftSqueeze.software.informer.com/</a>	N/A		403; A; H; R; PK; U			
TX3652		<a href="https://SoftSqueeze.sourceforge.net/">https://SoftSqueeze.sourceforge.net/</a>	N/A		403; A; H; R; PK; U			
TX3653		<a href="https://SoftSqueeze.sourceforge.net/skins.html">https://SoftSqueeze.sourceforge.net/skins.html</a>	N/A		403; A; H; R; PK; U			
TX3654		<a href="https://sourceforge.net/projects/SoftSqueeze/">https://sourceforge.net/projects/SoftSqueeze/</a>	N/A		403; A; H; R; PK; U			
TX3655		<a href="https://store.google.com/product/google_nest_hub_max?hl=en-US">https://store.google.com/product/google_nest_hub_max?hl=en-US</a>	N/A		403; A; H; R; PK; U			
TX3656		<a href="https://store.google.com/us/product/pixel_7_pro?hl=en-US">https://store.google.com/us/product/pixel_7_pro?hl=en-US</a>	N/A		403; A; H; R; PK; U			
TX3657		<a href="https://store.google.com/us/product/pixel_7_pro_specs?hl=en-US">https://store.google.com/us/product/pixel_7_pro_specs?hl=en-US</a>	N/A		403; A; H; R; PK; U			

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TX3658		<a href="https://studylib.net/doc/8415068/integration-at-home--vol.-1-no.-1">https://studylib.net/doc/8415068/integration-at-home--vol.-1-no.-1</a>	N/A		403; A; H; R; PK; U			
TX3659		WITHDRAWN						
TX3660		WITHDRAWN						
TX3661		WITHDRAWN						
TX3662		<a href="https://web.archive.org/web/20051102021125/http://www.crestron.com/press_room/inside_stories/residential/">https://web.archive.org/web/20051102021125/http://www.crestron.com/press_room/inside_stories/residential/</a>	N/A		403; A; H; R; PK; U			
TX3663		<a href="https://web.archive.org/web/20051126014621/http://www.crestron.com/features/applications/home/">https://web.archive.org/web/20051126014621/http://www.crestron.com/features/applications/home/</a>	N/A		403; A; H; R; PK; U			
TX3664		<a href="https://web.archive.org/web/20051126060053/http://www.crestron.com/tools_and_resources/product_resources/product_manuals.asp">https://web.archive.org/web/20051126060053/http://www.crestron.com/tools_and_resources/product_resources/product_manuals.asp</a>	N/A		403; A; H; R; PK; U			
TX3665		<a href="https://web.archive.org/web/20060318025401/http://www.crestron.com/downloads/pdf/product_manuals/d3pro.pdf">https://web.archive.org/web/20060318025401/http://www.crestron.com/downloads/pdf/product_manuals/d3pro.pdf</a>	N/A		403; A; H; R; PK; U			
TX3666		<a href="https://web.archive.org/web/20060318033318/http://www.crestron.com/downloads/pdf/product_manuals/c2n-dap8rc.pdf">https://web.archive.org/web/20060318033318/http://www.crestron.com/downloads/pdf/product_manuals/c2n-dap8rc.pdf</a>	N/A		403; A; H; R; PK; U			
TX3667		WITHDRAWN						
TX3668		WITHDRAWN						
TX3669		WITHDRAWN						
TX3670		WITHDRAWN						
TX3671		WITHDRAWN						
TX3672		WITHDRAWN						
TX3673		WITHDRAWN						
TX3674	N/A	<a href="https://web.archive.org/web/20121211085516/http://www.youtube.com/watch?v=Ywyw2YeOOPk&amp;feature=featured">https://web.archive.org/web/20121211085516/http://www.youtube.com/watch?v=Ywyw2YeOOPk&amp;feature=featured</a>	N/A		403; A; H; R; PK; U			
TX3675		WITHDRAWN						
TX3676		<a href="https://web.archive.org/web/20140429051044/https://support.google.com/chromecast/answer/2998481?hl=en">https://web.archive.org/web/20140429051044/https://support.google.com/chromecast/answer/2998481?hl=en</a>	N/A		403; A; H; R; PK; U			
TX3677		<a href="https://wiki.slimdevices.com/index.php/Logitech_Media_Server">https://wiki.slimdevices.com/index.php/Logitech_Media_Server</a>	N/A		403; A; H; R; PK; U			
TX3678		<a href="https://wiki.slimdevices.com/index.php/SoftSqueeze.html">https://wiki.slimdevices.com/index.php/SoftSqueeze.html</a>	N/A		403; A; H; R; PK; U			
TX3679		<a href="https://wiki.slimdevices.com/index.php/Software_Roadmap.html">https://wiki.slimdevices.com/index.php/Software_Roadmap.html</a>	N/A		403; A; H; R; PK; U			
TX3680		<a href="https://wired.me/gear/audio/older-sonos-speakers-will-stop-receiving-updates/">https://wired.me/gear/audio/older-sonos-speakers-will-stop-receiving-updates/</a>	N/A		403; A; H; R; PK; U			
TX3681		<a href="https://www.android.com/google-features-on-android/summer-2021/">https://www.android.com/google-features-on-android/summer-2021/</a>	N/A		403; A; H; R; PK; U			
TX3682		<a href="https://www.android.com/phones/">https://www.android.com/phones/</a>	N/A		403; A; H; R; PK; U			
TX3683		<a href="https://www.android.com/what-is-android/">https://www.android.com/what-is-android/</a>	N/A		403; A; H; R; PK; U			
TX3684		<a href="https://www.apple.com/newsroom/2010/11/22Apples-iOS-4-2-Available-Today-for-iPad-iPhone-iPod-touch/">https://www.apple.com/newsroom/2010/11/22Apples-iOS-4-2-Available-Today-for-iPad-iPhone-iPod-touch/</a>	N/A		403; A; H; R; PK; U			
TX3685		<a href="https://www.avsforum.com/threads/crestron-responds-to-control-4-adagio-at-cedia.578971/">https://www.avsforum.com/threads/crestron-responds-to-control-4-adagio-at-cedia.578971/</a>	N/A		403; A; H; R; PK; U			
TX3686		<a href="https://www.bigpicturebigsound.com/Sonos-ZonePlayer-S5-Review.shtml">https://www.bigpicturebigsound.com/Sonos-ZonePlayer-S5-Review.shtml</a>	N/A		403; A; H; R; PK; U			
TX3687		WITHDRAWN						
TX3688		WITHDRAWN						
TX3689		<a href="https://www.blisshq.com/music-library-management-blog/2014/04/23/whatever-happened-to-slimserver/">https://www.blisshq.com/music-library-management-blog/2014/04/23/whatever-happened-to-slimserver/</a>	N/A		403; A; H; R; PK; U			
TX3690		<a href="https://www.businessinsider.com/guides/tech/what-is-sonos-s2#:~:text=1%20Sonos%20S2%20is%20the%20newest%20version%20of,new%20Sonos%20speakers%20won%27t%20work%20with%20Sonos%20S1">https://www.businessinsider.com/guides/tech/what-is-sonos-s2#:~:text=1%20Sonos%20S2%20is%20the%20newest%20version%20of,new%20Sonos%20speakers%20won%27t%20work%20with%20Sonos%20S1</a>	N/A		403; A; H; R; PK; U			
TX3691		<a href="https://www.cnet.com/reviews/apple-ipod-photo-review/">https://www.cnet.com/reviews/apple-ipod-photo-review/</a>	N/A		403; A; H; R; PK; U			
TX3692		<a href="https://www.cnet.com/reviews/dell-xps-m140-review/">https://www.cnet.com/reviews/dell-xps-m140-review/</a>	N/A		403; A; H; R; PK; U			
TX3693		<a href="https://www.cnet.com/reviews/google-nest-home-hub-with-google-assistant-the-best-smart-display-review">https://www.cnet.com/reviews/google-nest-home-hub-with-google-assistant-the-best-smart-display-review</a>	N/A		403; A; H; R; PK; U			
TX3694		<a href="https://www.cnet.com/reviews/sonos-controller-cr100-preview">https://www.cnet.com/reviews/sonos-controller-cr100-preview</a>	N/A		403; A; H; R; PK; U			
TX3695		<a href="https://www.cnet.com/reviews/sonos-zoneplayer-zp100-preview">https://www.cnet.com/reviews/sonos-zoneplayer-zp100-preview</a>	N/A		403; A; H; R; PK; U			
TX3696		<a href="https://www.crestron.com/About/Awards/industry-awards/2005">https://www.crestron.com/About/Awards/industry-awards/2005</a>	N/A		403; A; H; R; PK; U			
TX3697		<a href="https://www.crestron.com/getmedia/10b8f48a-ffa8-4649-88f9-a6cb9f75894b/cs_Esquire_House">https://www.crestron.com/getmedia/10b8f48a-ffa8-4649-88f9-a6cb9f75894b/cs_Esquire_House</a>	N/A		403; A; H; R; PK; U			
TX3698		<a href="https://www.crestron.com/getmedia/aba893ef-04c0-493a-88dc-4ed7d365b8ac/mg_ams_1">https://www.crestron.com/getmedia/aba893ef-04c0-493a-88dc-4ed7d365b8ac/mg_ams_1</a>	N/A		403; A; H; R; PK; U			

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TRIAL EX.	DATE	DESCRIPTION	BATES BEGIN	GOOGLE'S OBJECTIONS	SONOS'S OBJECTIONS	DATE OFFERED	DATE ADMITTED	LIMITATIONS OF USE
TX3699		<a href="https://www.crestron.com/getmedia/aba893ef-04c0-493a-88dc-4ed7d365b8ac/mg_ams_1_at_2_3">https://www.crestron.com/getmedia/aba893ef-04c0-493a-88dc-4ed7d365b8ac/mg_ams_1_at_2_3</a>	N/A		403; A; H; R; PK; U			
TX3700		<a href="https://www.crestron.com/getmedia/b544249e-81f9-434c-b8f7-4523c4987a6e/mg_rg_sw-roomvw">https://www.crestron.com/getmedia/b544249e-81f9-434c-b8f7-4523c4987a6e/mg_rg_sw-roomvw</a>	N/A		403; A; H; R; PK; U			
TX3701		<a href="https://www.digitaltrends.com/home-theater/slim-devices-squeezebox-review/">https://www.digitaltrends.com/home-theater/slim-devices-squeezebox-review/</a>	N/A		403; A; H; R; PK; U			
TX3702		WITHDRAWN						
TX3703		<a href="https://www.eetimes.com/digital-audio-startup-finds-edge-in-open-source-code/">https://www.eetimes.com/digital-audio-startup-finds-edge-in-open-source-code/</a>	N/A		403; A; H; R; PK; U			
TX3704		<a href="https://www.engadget.com/2005-10-26-dell-to-release-media-happy-xps-m140-and-dimension-e310-later.html">https://www.engadget.com/2005-10-26-dell-to-release-media-happy-xps-m140-and-dimension-e310-later.html</a>	N/A		403; A; H; R; PK; U			
TX3705		<a href="https://www.engadget.com/2020-01-21-sonos-legacy-products-software-updates-ending.html?guccounter=1&amp;guce_referrer=aHR0cHM6Ly93d3cuZ29vZ2x1LmNvbS8&amp;guce_referrer_sig=AQAAADE9QRcn3ktLTPURzd8V5hmv37kZKyy8Rfif1rlvQOUctQEVATEABrBiFK8QbhyB5gairE1G-DMeCBXbGBm-Wbh7X6L1hCynv9MWMmVVilnFor26ID6aM42IfU-o5m2WWQAEQCRUFNdWr0akarsIJ-O6YNinbqQeQAPI8FE0t2hA">https://www.engadget.com/2020-01-21-sonos-legacy-products-software-updates-ending.html?guccounter=1&amp;guce_referrer=aHR0cHM6Ly93d3cuZ29vZ2x1LmNvbS8&amp;guce_referrer_sig=AQAAADE9QRcn3ktLTPURzd8V5hmv37kZKyy8Rfif1rlvQOUctQEVATEABrBiFK8QbhyB5gairE1G-DMeCBXbGBm-Wbh7X6L1hCynv9MWMmVVilnFor26ID6aM42IfU-o5m2WWQAEQCRUFNdWr0akarsIJ-O6YNinbqQeQAPI8FE0t2hA</a>	N/A		403; A; H; R; PK; U			
TX3706		<a href="https://www.enjoythemusic.com/magazine/equipment/1205/slimdevices_squeezebox.htm">https://www.enjoythemusic.com/magazine/equipment/1205/slimdevices_squeezebox.htm</a>	N/A		403; A; H; R; PK; U			
TX3707		WITHDRAWN						
TX3708		<a href="https://www.fastcompany.com/58225/ears-wide-open">https://www.fastcompany.com/58225/ears-wide-open</a>	N/A		403; A; H; R; PK; U			
TX3709		<a href="https://www.forbes.com/2005/05/10/cx_ah_0510diglifslide.html?sh=78f047307f5a">https://www.forbes.com/2005/05/10/cx_ah_0510diglifslide.html?sh=78f047307f5a</a>	N/A		403; A; H; R; PK; U			
TX3710		<a href="https://www.independent.com/2015/08/27/sonos-spins-into-control/">https://www.independent.com/2015/08/27/sonos-spins-into-control/</a>	N/A		403; A; H; R; PK; U			
TX3711		<a href="https://www.logitech.com/images/pdf/userguides/eng/Logitech_Squeezebox_Classic-ENG.pdf">https://www.logitech.com/images/pdf/userguides/eng/Logitech_Squeezebox_Classic-ENG.pdf</a>	N/A		403; A; H; R; PK; U			
TX3712		<a href="https://www.macworld.com/article/168862/slim-2.html">https://www.macworld.com/article/168862/slim-2.html</a>	N/A		403; A; H; R; PK; U			
TX3713		<a href="https://www.macworld.com/article/174329/sonos-4.html">https://www.macworld.com/article/174329/sonos-4.html</a>	N/A		403; A; H; R; PK; U			
TX3714		<a href="https://www.macworld.com/article/666279/ipod-nano-2005-review.html">https://www.macworld.com/article/666279/ipod-nano-2005-review.html</a>	N/A		403; A; H; R; PK; U			
TX3715		<a href="https://www.macworld.com/article/666282/apple-ipod-2005-review.html">https://www.macworld.com/article/666282/apple-ipod-2005-review.html</a>	N/A		403; A; H; R; PK; U			
TX3716		<a href="https://www.mixonline.com/technology/aes-product-announcement-yamaha-sp2060-381630">https://www.mixonline.com/technology/aes-product-announcement-yamaha-sp2060-381630</a>	N/A		403; A; H; R; PK; U			
TX3717		<a href="https://www.opweb.de/english/company/Yamaha/SP2060">https://www.opweb.de/english/company/Yamaha/SP2060</a>	N/A		403; A; H; R; PK; U			
TX3718		<a href="https://www.oracle.com/java/technologies/java-archive-javase5-downloads.htm">https://www.oracle.com/java/technologies/java-archive-javase5-downloads.htm</a>	N/A		403; A; H; R; PK; U			
TX3719		<a href="https://www.pocket-lint.com/speakers/news/sonos/150801-sonos-discontinued-speakers-what-to-do-with-them/">https://www.pocket-lint.com/speakers/news/sonos/150801-sonos-discontinued-speakers-what-to-do-with-them/</a>	N/A		403; A; H; R; PK; U			
TX3720		<a href="https://www.pocket-lint.com/speakers/reviews/sonos/68489-sonos-digital-sound-music-wireless">https://www.pocket-lint.com/speakers/reviews/sonos/68489-sonos-digital-sound-music-wireless</a>	N/A		403; A; H; R; PK; U			
TX3721		<a href="https://www.residentialsystems.com/news/cirque-du-cediain-pictures">https://www.residentialsystems.com/news/cirque-du-cediain-pictures</a>	N/A		403; A; H; R; PK; U			
TX3722		<a href="https://www.sawdustzone.org/forum/discussions/around-the-coffee-pot/5548-home-theatre-advice-sought/page3">https://www.sawdustzone.org/forum/discussions/around-the-coffee-pot/5548-home-theatre-advice-sought/page3</a>	N/A		403; A; H; R; PK; U			
TX3723		<a href="https://www.stereophile.com/digitalprocessors/906slim/index.html">https://www.stereophile.com/digitalprocessors/906slim/index.html</a>	N/A		403; A; H; R; PK; U			
TX3724		<a href="https://www.techhive.com/article/578287/sonos-to-stop-issuing-software-updates-for-legacy-speakers-and-devices-in-may.html">https://www.techhive.com/article/578287/sonos-to-stop-issuing-software-updates-for-legacy-speakers-and-devices-in-may.html</a>	N/A		403; A; H; R; PK; U			
TX3725		WITHDRAWN						
TX3726		<a href="https://www.theverge.com/2017/10/11/16453788/google-home-mini-smart-speaker-review">https://www.theverge.com/2017/10/11/16453788/google-home-mini-smart-speaker-review</a>	N/A		403; A; H; R; PK; U			
TX3727		<a href="https://www.theverge.com/2020/1/21/21075043/sonos-software-updates-ending-play-5-connect-zone-players">https://www.theverge.com/2020/1/21/21075043/sonos-software-updates-ending-play-5-connect-zone-players</a>	N/A		403; A; H; R; PK; U			
TX3728		<a href="https://www.theverge.com/circuitbreaker/2017/4/20/15364960/google-home-speaker-multi-user-new-feature">https://www.theverge.com/circuitbreaker/2017/4/20/15364960/google-home-speaker-multi-user-new-feature</a>	N/A		403; A; H; R; PK; U			
TX3729		<a href="https://www.twice.com/news/satellite-radio-hovers-over-cedia-expo-37054">https://www.twice.com/news/satellite-radio-hovers-over-cedia-expo-37054</a>	N/A		403; A; H; R; PK; U			
TX3730		<a href="https://www.wikiwand.com/en/Slim_Devices">https://www.wikiwand.com/en/Slim_Devices</a>	N/A		403; A; H; R; PK; U			
TX3731		WITHDRAWN						

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TX3732		WITHDRAWN						
TX3733		WITHDRAWN						
TX3734		WITHDRAWN						
TX3735		WITHDRAWN						
TX3736		WITHDRAWN						
TX3737		WITHDRAWN						
TX3738		WITHDRAWN						
TX3739		WITHDRAWN						
TX3740		WITHDRAWN						
TX3741		WITHDRAWN						
TX3742		WITHDRAWN						
TX3743		WITHDRAWN						
TX3744		WITHDRAWN						
TX3745		WITHDRAWN						
TX3746		WITHDRAWN						
TX3747		<a href="https://www.youtube.com/watch?v=WT0o1truK9w">https://www.youtube.com/watch?v=WT0o1truK9w</a>	N/A		403; A; H; R; PK; U			
TX3748		WITHDRAWN						
TX3749		IFTTT application	N/A		403; A; H; R; PK; INC; U			
TX3750		IFTTT website (accessed: <a href="https://ifttt.com/">https://ifttt.com/</a> )	N/A		403; A; H; R; PK; INC; U			
TX3751		IFTTT website (accessed: <a href="https://ifttt.com/explore">https://ifttt.com/explore</a> )	N/A		403; A; H; R; PK; INC; U			
TX3752		IFTTT website (accessed: <a href="https://ifttt.com/explore/applets">https://ifttt.com/explore/applets</a> )	N/A		403; A; H; R; PK; INC; U			
TX3753		IFTTT website (accessed: <a href="https://ifttt.com/explore/services">https://ifttt.com/explore/services</a> )	N/A		403; A; H; R; PK; INC; U			
TX3754		IFTTT website, November 5, 2019, Web Archive (accessed: <a href="https://web.archive.org/web/20191105072645/https://ifttt.com/">https://web.archive.org/web/20191105072645/https://ifttt.com/</a> )	N/A		403; A; H; R; PK; INC; U			
TX3755		iMediaShare - Photos & Music, Google Play Store (accessed: <a href="https://play.google.com/store/apps/details?id=com.bianor.amspersonal&amp;hl=en_US&amp;gl=US">https://play.google.com/store/apps/details?id=com.bianor.amspersonal&amp;hl=en_US&amp;gl=US</a> )	N/A		403; A; H; R; PK; INC; U			
TX3756		iMediaShare, (accessed: <a href="https://www.imediashare.tv/index">https://www.imediashare.tv/index</a> )	N/A		403; A; H; R; PK; INC; U			
TX3757		in October 2019, Google announced its Nest Wifi products. <a href="https://blog.google/products/google-nest/nest-wifi/">https://blog.google/products/google-nest/nest-wifi/</a>	N/A		403; A; H; R; PK; INC; U			
TX3758		Innography Patent Search (accessed: <a href="https://patentscout.innography.com/">https://patentscout.innography.com/</a> )	N/A		403; A; BE; H; R; PK; IL; U			
TX3759		Innography PatentScout (accessed: <a href="https://patentscout.innography.com/patent/US10469966">https://patentscout.innography.com/patent/US10469966</a> )	N/A		403; A; BE; H; R; PK; IL; U			
TX3760		Innography PatentScout (accessed: <a href="https://patentscout.innography.com/patent/US10779033">https://patentscout.innography.com/patent/US10779033</a> )	N/A		403; A; BE; H; R; PK; IL; U; MIL			
TX3761		Innography PatentScout (accessed: <a href="https://patentscout.innography.com/patent/US10848885">https://patentscout.innography.com/patent/US10848885</a> )	N/A		403; A; BE; H; R; PK; IL; U			
TX3762		Innography PatentScout (accessed: <a href="https://patentscout.innography.com/patent/US7155213">https://patentscout.innography.com/patent/US7155213</a> )	N/A		403; A; BE; H; R; PK; IL; U			
TX3763		Innography PatentScout (accessed: <a href="https://patentscout.innography.com/patent/US7603414">https://patentscout.innography.com/patent/US7603414</a> )	N/A		403; A; BE; H; R; PK; IL; U; MIL			
TX3764		Innography PatentScout (accessed: <a href="https://patentscout.innography.com/patent/US8831584">https://patentscout.innography.com/patent/US8831584</a> )	N/A		403; A; BE; H; R; PK; IL; U			
TX3765	N/A	iPhone 12 Pro physical exhibit	N/A		403; R; PK; U			
TX3766		IPR2021-01563, Sonos Exhibit 2018	N/A		403; R; PK; U			
TX3767	9/25/2020	ITC Deposition of Debajit Ghosh, 9/25/20, (In the Matter of: Certain Audio Players and Controllers, Components thereof, and Products Containing the Same, Investigation No. 337-TA-1191	N/A		403; R; PK; U			
TX3768		WITHDRAWN						
TX3769		John Wiley & Sons, Inc., Litigation Services Handbook, Fifth Edition, The Role of the Financial Expert, 2007	GOOG-SONOSNDCA-00122050		403; BE; R; PK; INC			
TX3770		Johnson, Dave, "How long does a laptop last? 7 signs that you're due for an upgrade," Business Insider, October 24, 2022 (accessed: <a href="https://www.businessinsider.com/guides/tech/how-long-do-laptops-last?r=MX&amp;IR=T">https://www.businessinsider.com/guides/tech/how-long-do-laptops-last?r=MX&amp;IR=T</a> )	N/A		403; A; H; R; PK; INC; U; IL			
TX3771	N/A	Key STL Features: Containers, Iterators, & Algorithms - Depo Ex. Schmidt 6	N/A		403; A; H; R; PK			

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TRIAL EX.	DATE	DESCRIPTION	BATES BEGIN	GOOGLE'S OBJECTIONS	SONOS'S OBJECTIONS	DATE OFFERED	DATE ADMITTED	LIMITATIONS OF USE
TX3772		Kingsley-Hughes, Adrian, "How the Kindle Fire and the Nexus 7 harmed the tablet market," ZDNET, August 1, 2012 (accessed: <a href="https://www.zdnet.com/article/how-the-kindle-fire-and-the-nexus-7-harmed-the-tablet-market/">https://www.zdnet.com/article/how-the-kindle-fire-and-the-nexus-7-harmed-the-tablet-market/</a> )	N/A		403; A; H; R; PK			
TX3773	2/11/2022	Kyriakakis Claim Construction Decl.	N/A		403; H; N; R; U			
TX3774		Leonard, G. K. and Stiroh, L. J., Economic Approaches to Intellectual Property: Policy, Litigation and Management, 2005	GOOG-SONOSNDCA-00122083		403; A; BE; H; R; INC			
TX3775		WITHDRAWN						
TX3776		Lim, Daryl, "Misconduct in Standard Setting: The Case For Patent Misuse," ATRIP Essay Competition 2009, p. 3 (accessed: <a href="http://atrip.org/wpcontent/uploads/2016/12/2009-1Daryl-Lim.pdf">http://atrip.org/wpcontent/uploads/2016/12/2009-1Daryl-Lim.pdf</a> )	N/A		403; H; R; U; PK			
TX3777		LocalCast: stream to TV, Google Play Store (accessed: <a href="https://play.google.com/store/apps/details?id=de.stefanpled.localcast">https://play.google.com/store/apps/details?id=de.stefanpled.localcast</a> )	N/A		403; A; H; R; PK; INC; U			
TX3778		LOGITECH Custodian Decl [Logitech_0001-22]	N/A		403; H; N; R; U;			
TX3779		Move, Sonos website (accessed: <a href="https://www.sonos.com/en-us/shop/move">https://www.sonos.com/en-us/shop/move</a> )	N/A		403; A; H; R; PK; INC; U			
TX3780		N. Gregory Mankiw, Principles of Economics, 2021	GOOG-SONOSNDCA-00122265		403; A; BE; H; R; PK; INC			
TX3781		Nest Audio, Google Store (accessed: <a href="https://store.google.com/us/product/nest_audio_specs?hl=en-US">https://store.google.com/us/product/nest_audio_specs?hl=en-US</a> )	N/A		403; A; H; R; PK; INC; U			
TX3782		Nest Audio, Walmart (accessed: <a href="https://www.walmart.com/ip/Google-Nest-Audio-Smart-Speaker-with-Google-Assistant-Sand/522825054">https://www.walmart.com/ip/Google-Nest-Audio-Smart-Speaker-with-Google-Assistant-Sand/522825054</a> )	N/A		403; A; H; R; PK; INC; U			
TX3783		Nest Hub (2nd gen), Google Store.com (accessed: <a href="https://store.google.com/us/product/nest_hub_2nd_gen?hl=en-US">https://store.google.com/us/product/nest_hub_2nd_gen?hl=en-US</a> )	N/A		403; A; H; R; PK; INC; U			
TX3784		Nest Hub Max, Google Store.com (accessed: <a href="https://store.google.com/us/product/google_nest_hub_max?hl=en-US">https://store.google.com/us/product/google_nest_hub_max?hl=en-US</a> )	N/A		403; A; H; R; PK; INC; U			
TX3785		Nest Hub Max: Price, Release Date, Pros and Cons of the Nest Reboot, Inverse, May 7, 2019, (accessed: <a href="https://www.inverse.com/article/55615-nest-hub-max-google-i-o-price-release-date-features#:~:text=Here%E2%80%99s%20the%20full%20list%20of%20tech%20specs%20to,Supports%20Bluetooth%205.0.%207%20Power%3A%2030-watt%20power%20adapter">https://www.inverse.com/article/55615-nest-hub-max-google-i-o-price-release-date-features#:~:text=Here%E2%80%99s%20the%20full%20list%20of%20tech%20specs%20to,Supports%20Bluetooth%205.0.%207%20Power%3A%2030-watt%20power%20adapter</a> )	N/A		403; A; H; R; PK; INC; U			
TX3786	N/A	Nest Hub physical exhibit	N/A		403; R; PK; U			
TX3787	N/A	Nest Audio Speaker physical exhibit	N/A		403; R; PK; U			
TX3788		Nest WiFi, Google store (accessed: <a href="https://store.google.com/product/nest_wifi_router?hl=en-US">https://store.google.com/product/nest_wifi_router?hl=en-US</a> )	N/A		403; A; H; R; PK; INC; U			
TX3789		WITHDRAWN						
TX3790		WITHDRAWN						
TX3791		WITHDRAWN						
TX3792		One SL, Sonos website (accessed: <a href="https://www.sonos.com/en-us/shop/one-sl">https://www.sonos.com/en-us/shop/one-sl</a> )	N/A		403; A; H; R; PK; INC; U			
TX3793		One, Sonos website (accessed: <a href="https://www.sonos.com/en-us/shop/one">https://www.sonos.com/en-us/shop/one</a> )	N/A		403; A; H; R; PK; INC; U			
TX3794		Order Granting in Part and Denying in Part Motions to Exclude Expert Testimony, Denying Motion to Bifurcate Trial, Denying Motion for Preclusive Sanctions in the matter of Mformation Techs., Inc. v. Research in Motion, et al., 5:08-cv-04990-JW (N.D. Cal. 2012)	N/A		403; H; N; R; U			
TX3795	N/A	Order granting motion for partial summary judgment as to '615 patent - Depo Ex. Schmidt 9	N/A		403; H; N; R; U; N			
TX3796		Order Granting Motion to Strike, Infernal Technology, LLC, et al. v. Sony Interactive Entertainment, LLC, Civil Action No. 2:19-cv-00248, February 26, 2021 (E.D. Tex. 2021)	N/A		403; H; N; R; U			
TX3797		WITHDRAWN						
TX3798		PHYS-1 (Serial No. AW1S12241103) [application/product]	N/A		403; R; PK; U			
TX3799		PHYS-2 (Serial No. AW1S12260862) [application/product]	N/A		403; R; PK; U			
TX3800		PHYS-3 (Serial No. AWS1S12251617) [application/product]	N/A		403; R; PK; U			
TX3801		Pixel 4 Supports Fast Wireless Charging, But There's a Catch, October 22, 2019 (accessed: <a href="https://www.tomsguide.com/news/pixel-4-supports-fast-wireless-charging-but-theres-a-catch">https://www.tomsguide.com/news/pixel-4-supports-fast-wireless-charging-but-theres-a-catch</a> )	N/A		403; A; H; R; PK; INC; U			

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TX3802		Pixel 6 Pro Review: Google's Flagship Is A Top iPhone Rival In 2022," CNET, January 14, 2022 (accessed: <a href="https://www.cnet.com/tech/mobile/pixel-6-pro-review-google-flagship-top-iphone-rival-in-2022/">https://www.cnet.com/tech/mobile/pixel-6-pro-review-google-flagship-top-iphone-rival-in-2022/</a> )	N/A		403; A; H; R; PK; INC; U			
TX3803		Pixel Phone Hardware Tech Specs, Google website, 2022, (accessed: <a href="https://support.google.com/pixelphone/answer/7158570?hl=en">https://support.google.com/pixelphone/answer/7158570?hl=en</a> )	N/A		403; A; H; R; PK; INC; U			
TX3804		Plaintiffs' Amended Complaint for Patent Infringement, D&M Holdings Inc. d/b/a The D+M Group, D&M Holdings U.S. Inc. v. Sonos, Inc., Case No. 1:16-cv-141, May 1, 2017	N/A		403; H; N; R; U			
TX3805		Play TV Shows And Movies With Your Speaker Or Display, Google Nest Help (accessed: <a href="https://support.google.com/googlenest/answer/7214982?hl=en&amp;co=GENIE.Platform%3DAndroid">https://support.google.com/googlenest/answer/7214982?hl=en&amp;co=GENIE.Platform%3DAndroid</a> )	N/A		403; A; H; R; PK; INC; U			
TX3806		Pratt, S. and Niculita, A., "Valuing a Business: The Analysis and Appraisal of Closely Held Companies," 2008	GOOG-SONOSNDCA-00122423		403; H; R; PK; U; INC; IL			
TX3807		Pratt, Shannon P., and Roger J. Grabowski. Cost of Capital: Applications and Examples, John Wiley & Sons, 2014	GOOG-SONOSNDCA-00122492		403; H; R; PK; U; INC			
TX3808		Produced excerpts from Internet Archive	N/A		403; A; H; R; PK; INC; U; IL; U			
TX3809		WITHDRAWN						
TX3810		Reilly, R. F. and Schweihs, R. P., Valuing Intangible Assets (McGraw-Hill 1999)	GOOG-SONOSNDCA-00122904		403; H; R; PK; U; INC; IL			
TX3811		WITHDRAWN						
TX3812		Richard Razgaitis, Early Stage Technologies: Valuation & Pricing, John Wiley: 1999	GOOG-SONOSNDCA-00122997		403; H; N; R; U			
TX3813		Roam SL, Sonos website (accessed: <a href="https://www.sonos.com/en-us/shop/roam-sl">https://www.sonos.com/en-us/shop/roam-sl</a> )	N/A		403; H; R; PK; U; INC			
TX3814		Roam, Sonos website (accessed: <a href="https://www.sonos.com/en-us/shop/roam">https://www.sonos.com/en-us/shop/roam</a> )	N/A		403; A; H; R; PK; U			
TX3815		Rob Marvin. "Why We Can't Stop Using Our Phones While We Watch TV," PC Magazine, January 25, 2019 (accessed: <a href="https://www.pcmag.com/news/why-we-cant-stop-using-our-phones-while-we-watch-tv">https://www.pcmag.com/news/why-we-cant-stop-using-our-phones-while-we-watch-tv</a> )	N/A		403; A; H; R; PK; U			
TX3816		WITHDRAWN						
TX3817		Ross, Stephen A., et al. Fundamentals of Corporate Finance. McGraw-Hill/Irwin, 2006	GOOG-SONOSNDCA-00123023		403; BE; H; R; PK; INC; U			
TX3818		Russell L. Parr. & Patrick H. Sullivan, Technology Licensing, Corporate Strategies For Maximizing Value, 177-178 (1996)	GOOG-SONOSNDCA-00123056		403; BE; H; R; PK; INC; U			
TX3819		WITHDRAWN						
TX3820		WITHDRAWN						
TX3821		Schaafsma, P. E., "An Economic Overview of Patents," Journal of the Patent and Trademark Office Society, 79, April 1997	GOOG-SONOSNDCA-00123076		403; H; R; PK; U			
TX3822		WITHDRAWN						
TX3823		Screen Mirroring - Miracast, Google Play Store (accessed: <a href="https://play.google.com/store/apps/details?id=screen.mirroring.screenmirroring&amp;hl=en_US&amp;gl=US">https://play.google.com/store/apps/details?id=screen.mirroring.screenmirroring&amp;hl=en_US&amp;gl=US</a> )	N/A		403; A; H; R; PK; U			
TX3824		Second Supplement to Third Amended Complaint for Patent Infringement, Sonos, Inc. v. D&M Holdings Inc. d/b/a The D+M Group, D&M Holdings U.S. Inc., and Denon Electronics (USA), LLC, Case No. 1:14-cv-1330, September 28, 2017	N/A		403; H; N; R; U			
TX3825		Shapiro, C. "Navigating the Patent Thicket," Innovation Policy and the Economy I, eds. Jaffe, A. B, Lerner, J. and Stern, S., January 2001	GOOG-SONOSNDCA-00123369		403; H; R; PK; U			
TX3826		SLIM Devices' SlimP3 and Squeezebox Players and corresponding SoftSqueeze Software	N/A		403; R; PK; U			
TX3827		SlimServer	N/A		403; R; PK; U			
TX3828		Smith, G. and Parr, R., Valuation of Intellectual Property and Intangible Assets, 151-173 (John Wiley & Sons 2000; and Reily, R. F. and Schweihs, R.P. Valuing Intangible Assets, 95-202 (McGraw-Hill 1999)	GOOG-SONOSNDCA-00123600		403; BE; H; R; PK; INC; U			



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TX3829		Smith, Gordon V., et al., Intellectual Property: Valuation, Exploitation, and Infringement Damages, 2005	GOOG-SONOSNDCA-00123613		403; H; R; PK; U; INC			
TX3830		Sonos 2005 System	N/A		403; R; PK; U			
TX3831		WITHDRAWN						
TX3832		WITHDRAWN						
TX3833		WITHDRAWN						
TX3834	10/14/2022	Sonos O&Rs to Google's Third Set of ROGs [22-25]	N/A		403; H; N; R; U			
TX3835	3/1/2021	Sonos' Obj&Resp to Google's First Set of ROGs RE Venue [1-3]	N/A		403; H; N; R; U			
TX3836	5/17/2021	Sonos' Obj&Resp to Google's Second Set of ROGs to Sonos RE Venue [4-7]	N/A		403; H; N; R; U			
TX3837		Sonos Play:5 review: one of the best wireless speakers money can buy, The Guardian, April 29, 2016 (accessed: <a href="https://www.theguardian.com/technology/2016/apr/29/sonos-play5-review-wireless-wifi-speaker-multiroom-music">https://www.theguardian.com/technology/2016/apr/29/sonos-play5-review-wireless-wifi-speaker-multiroom-music</a> )	N/A		403; A; H; R; PK; U			
TX3838	7/6/2018	Sonos reveals pitch to investors ahead of IPO - Depo Ex. Malackowski 9	N/A		403; A; H; R; PK; U			
TX3839		Sonos System	N/A		403; R; PK; U			
TX3840		Sonos ZP100	N/A		403; R; PK; U			
TX3841		WITHDRAWN						
TX3842		WITHDRAWN						
TX3843		WITHDRAWN						
TX3844		WITHDRAWN						
TX3845		WITHDRAWN						
TX3846		WITHDRAWN						
TX3847		Sonos, Inc.'s 10-Q for quarter ended April 2, 2022	N/A		403; H; R; PK; U			
TX3848		Sonos, Inc.'s Third Amended Complaint, Sonos, Inc., v. Google, LLC, 3:21-c-07559	N/A		403; H; N; R; U			
TX3849	3/25/2022	Sonos, Inc.'s Revised Supplemental Disclosure of Asserted Claims and Infringement Contentions - Depo Ex. Malackowski 4	N/A		403; H; N; R; U			
TX3850		Sonos' First Portable Speaker Is The \$399 Move, The Verge, September 5, 2019 (accessed: <a href="https://www.theverge.com/2019/9/5/20847533/sonos-move-bluetooth-wireless-speaker-price-specs-features">https://www.theverge.com/2019/9/5/20847533/sonos-move-bluetooth-wireless-speaker-price-specs-features</a> )	N/A		403; A; H; R; PK; U			
TX3851		WITHDRAWN						
TX3852		Sonos's Second Supplemental Damages Disclosures Pursuant To Local Rule 3-8, November 1, 2022	N/A		403; H; N; R; U			
TX3853	4/0/2005	Sonos's User Guide for the "Sonos Digital Music System"	N/A		403; H; N; R; U			
TX3854	11/30/2022	Sonos's Corrected Response to Google's First Set of ROGs [1-20]	N/A		403; H; N; R; U			
TX3855	11/8/2022	Sonos's Fourth Supp O&Rs to Google's First Set of ROGs [1-20]	N/A		403; H; N; R; U			
TX3856	10/14/2022	Sonos's O&Rs to Google's First Set of RFAs [1-17]	N/A		403; H; N; R; U			
TX3857	10/12/2022	Sonos's O&Rs to Google's Sixth Set of RFAs [129-131]	N/A		403; H; N; R; U			
TX3858		WITHDRAWN						
TX3859		WITHDRAWN						
TX3860		Squeezebox	N/A		403; H; N; R; U; PK; U			
TX3861		Thakur, Madhuri, "What is Google AdWords?" EDUCBA website (accessed: <a href="https://www.educba.com/what-is-googleadwords/">https://www.educba.com/what-is-googleadwords/</a> )	N/A		403; A; H; R; PK; INC; U; IL; U			
TX3862		The Complete Sonos Buying Guide: Every Speaker,Soundbar and Amp Explained, Gear Patrol, October 12, 2021 (accessed: <a href="https://www.gearpatrol.com/tech/g37771425/complete-sonos-buying-guide/">https://www.gearpatrol.com/tech/g37771425/complete-sonos-buying-guide/</a> )	N/A		403; A; H; R; PK; U			
TX3863		The Google Home Max was discontinued in January 2021. See "Google Home Max Officially Discontinued After Going OutOf Stock," 9 to 5 Google, January 26, 2021 (accessed: <a href="https://9to5google.com/2021/01/26/google-home-max-discontinued/">https://9to5google.com/2021/01/26/google-home-max-discontinued/</a> )	N/A		403; A; H; R; PK; U			
TX3864		The New, Great-Sounding Sonos Play:5 Launches November 20th For \$499, The Verge, October 29, 2015 (accessed: <a href="https://www.theverge.com/2015/10/29/9633022/sonos-play-5-release-date-hands-on">https://www.theverge.com/2015/10/29/9633022/sonos-play-5-release-date-hands-on</a> )	N/A		403; A; H; R; PK; U			



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TX3865		Toikka, R., "Patent Licensing under Competitive and Non-Competitive Conditions," Journal of the Patent and Trademark Office Society, 82, 2000	GOOG-SONOSNDCA-00124498		403; H; R; PK; U			
TX3866		WITHDRAWN						
TX3867		TV Cast: Anycast in smart view, Google Play Store (accessed: <a href="https://play.google.com/store/apps/details?id=com.tv.cast.screen.mirroring.remote.control&amp;hl=en_US&amp;gl=US">https://play.google.com/store/apps/details?id=com.tv.cast.screen.mirroring.remote.control&amp;hl=en_US&amp;gl=US</a> )	N/A		403; A; H; R; PK; U			
TX3868		U.S. Patent Application No. 14/564025	N/A		403; H; R; PK; U			
TX3869		WITHDRAWN						
TX3870		WITHDRAWN						
TX3871		WITHDRAWN						
TX3872		WITHDRAWN						
TX3873		WITHDRAWN						
TX3874		WITHDRAWN						
TX3875		WITHDRAWN						
TX3876		WITHDRAWN						
TX3877		WITHDRAWN						
TX3878		U.S. Patent No. 10,209,953	N/A		403; H; R; PK; U			
TX3879		WITHDRAWN						
TX3880		WITHDRAWN						
TX3881		WITHDRAWN						
TX3882		WITHDRAWN						
TX3883		U.S. Patent No. 10,848,885 File History	N/A		403; H; R; PK; U			
TX3884		WITHDRAWN						
TX3885		U.S. Patent No. 7,197,148	N/A		403; H; R; PK; U			
TX3886		U.S. Patent No. 7,571,014	N/A		403; H; R; PK; U			
TX3887		WITHDRAWN						
TX3888		U.S. Patent No. 8,483,853	N/A		403; H; R; PK; U			
TX3889		WITHDRAWN						
TX3890		WITHDRAWN						
TX3891		WITHDRAWN						
TX3892		U.S. Patent No. 8,843,228	N/A		403; H; R; PK; U			
TX3893		WITHDRAWN						
TX3894		U.S. Patent No. 9,141,645	N/A		403; H; R; PK; U			
TX3895		U.S. Patent No. 9,219,460 File History	SONOS-SVG2-00000755		403; H; R; PK; U; MIL			
TX3896		WITHDRAWN						
TX3897		U.S. Patent No. 9,344,206 File History	SONOS-SVG2-00000001		403; H; R; PK; U; MIL			
TX3898		WITHDRAWN						
TX3899		WITHDRAWN						
TX3900		WITHDRAWN						
TX3901		WITHDRAWN						
TX3902		WITHDRAWN						
TX3903		WITHDRAWN						
TX3904		WITHDRAWN						
TX3905		WITHDRAWN						
TX3906		WITHDRAWN						
TX3907		WITHDRAWN						
TX3908		WITHDRAWN						
TX3909		WITHDRAWN						
TX3910		WITHDRAWN						
TX3911		U.S. Patent Application No. 15/130,919	N/A		403; H; R; PK; U			
TX3912		WITHDRAWN						
TX3913		WITHDRAWN						
TX3914		Use Multi-Room Control On Your Speaker Or Display, Google Nest Help, (accessed: <a href="https://support.google.com/googlenest/answer/10012636?hl=en">https://support.google.com/googlenest/answer/10012636?hl=en</a> )	N/A		403; A; H; R; PK; U			

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TX3915		Walter, Derek, "How Long Do Computers Last? 10 Signs You Need a New One," Business News Daily, August 3, 2022 (accessed: <a href="https://www.businessnewsdaily.com/65-when-to-replace-the-company-computers.html">https://www.businessnewsdaily.com/65-when-to-replace-the-company-computers.html</a> )	N/A		403; A; H; R; PK; U			
TX3916		Web Video Cast   Browser to TV, Google Play Store (accessed: <a href="https://play.google.com/store/apps/details?id=com.instantbits.cast.webvide&amp;hl=en_US&amp;gl=US">https://play.google.com/store/apps/details?id=com.instantbits.cast.webvide&amp;hl=en_US&amp;gl=US</a> )	N/A		403; A; H; R; PK; U			
TX3917		Weil, Roman L., et al., Litigation Services Handbook: The Role of the Financial Expert, Sixth Edition, 2017	GOOG-SONOSNDCA-00125327		403; H; R; PK; U			
TX3918		What Can Google Home Do? Google's Smart Speaker Explained, RadioTimes.com, August 20, 2020 (accessed: <a href="https://www.radiotimes.com/technology/what-can-google-home-do/">https://www.radiotimes.com/technology/what-can-google-home-do/</a> )	N/A		403; A; H; R; PK; U			
TX3919		'What Is A Google Home Hub?': Everything You Need To Know About The Google Smart Device That Can Help You Navigate Daily Life, Business Insider, September 23, 2019 (accessed: <a href="https://www.businessinsider.com/what-is-a-google-home-hub">https://www.businessinsider.com/what-is-a-google-home-hub</a> )	N/A		403; A; H; R; PK; U			
TX3920	N/A	What is IFTTT? - Depo Ex. Malackowski 15	N/A		403; H; R; PK; U			
TX3921	N/A	YouTube Remote prior art physical exhibit	N/A		403; R; PK; U			
TX3922	4/23/2005	YouTube Video: "Me at the zoo" - <a href="https://www.youtube.com/watch?v=jNQXAC9IVRw&amp;ab_channel=jawed">https://www.youtube.com/watch?v=jNQXAC9IVRw&amp;ab_channel=jawed</a>	N/A		403; A; H; R; PK; U			
TX3923	2/20/2023	Declaration of Rob Lambourne in Support of Sonos' Opposition to Google's Motions for Summary Judgment	N/A		N; R			
TX3924	2/20/2023	Declaration of Nick Millington in Support of Sonos' Opposition to Google's Motions for Summary Judgment	N/A		N; R			
TX3925	2/17/2021	Email from J. Jaffee - Subject: RE: Sonos, Inc. v. Google LLC--Request for Telephonic Hearing (request to amend complaint to drop claims under the '460 patent)	N/A		403; A; H; R; PK; U; N; MIL			
TX3926	4/13/2023	Order RE Motions for Summary Judgment	N/A		403; H; R; PK; U; N; MIL			
TX3927	0/0/2007	Sonos Digital Music System User Guide	GOOG-SONOS-WDTX-INV-00002653		403; H; R; PK; A			
TX3928	9/22/2005	Sonos Community: Macro / presets	N/A		403; A; DU; INC; U; R; H; PK;			
TX3929	2/27/2005	Sonos Community: Virtual Zones and Zone Grouping	N/A		403; A; DU; INC; U; R; H; PK;			
TX3930	9/22/2005	Sonos Community: Macro / presets	N/A		403; A; DU; INC; U; R; H; PK;			
TX3931	N/A	Google Home App	N/A		U; BE			
TX3932	N/A	IFTTT App	N/A		U; BE			
TX3933	N/A	Nest Mini speaker	N/A		U; BE			
TX6000	10/17/2001	Bose Lifestyle 50 System Owner's Guide	BOSE_SUB-0000001		403; H; A; PK; R			
TX6001		Bose FreeSpace E4 Series II System Quick Start-Up Guide	BOSE_SUB-00000056		403; H; A; PK; R			
TX6002		Bose FreeSpace E4 Series II Business Music System	BOSE_SUB-00000062		403; H; A; PK; R			
TX6003		Bose FreeSpace E4 Series II System Electronics	BOSE_SUB-0000140		403; H; A; PK; R			
TX6004		Bose FreeSpace E4 Series II Service & Repair Training	BOSE_SUB-0000150		403; H; A; PK; R			
TX6005	7/22/2005	Bose Circuit Diagrams for E4 SII	BOSE_SUB-0000157		403; H; A; PK; R			
TX6006		Bose Lifestyle SA-2 and SA-3 Stereo Amplifier Owner's Guide	BOSE_SA-0000274		403; H; A; PK; R			
TX6007		Bose Lifestyle SA-2 and SA-3 Stereo Amplified Owner's Guide	BOSE_SUB-0000361		403; H; A; PK; R			
TX6008		Bose Lifestyle SA-2 Stereo Amplifier guidelines	BOSE_SUB-0000450		403; H; A; PK; R			
TX6009		Bose Understanding Bose link	BOSE_SUB-0000594		403; H; A; PK; R			
TX6010		Bose Lifestyle 50 Home Theater System Questions and Answers	BOSE_SUB-0000663					
TX6011		Bose Lifestyle 50 Home Theater System product information	BOSE_SUB-0000684		403; H; R; PK; A			
TX6012	3/9/2006	Google Agreement	GOOG-SONOSNDCA-00054911	R, H	403; H; A; MIL; PK; R; N			
TX6013	2/12/2008	Google Agreement	GOOG-SONOSNDCA-00054982	R, H	403; H; A; MIL; PK; R; N			
TX6014	10/2/2008	Google Agreement	GOOG-SONOSNDCA-00054986	R, H	403; H; A; MIL; PK; R; N			
TX6015	12/31/2003	Google Agreement	GOOG-SONOSNDCA-00054990	R, H	403; H; A; MIL; PK; R; N			
TX6016	7/29/2011	Google Agreement	GOOG-SONOSNDCA-00054999	R, H	403; H; A; MIL; PK; R; N; BE			
TX6017	12/31/2003	Google Agreement	GOOG-SONOSNDCA-00055014	R, H	403; H; A; MIL; PK; R; N			
TX6018	2/24/2016	Google Agreement	GOOG-SONOSNDCA-00055032	R, H	403; H; A; MIL; PK; R; N			

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TRIAL EX.	DATE	DESCRIPTION	BATES BEGIN	GOOGLE'S OBJECTIONS	SONOS'S OBJECTIONS	DATE OFFERED	DATE ADMITTED	LIMITATIONS OF USE
TX6019	11/10/2015	Google Agreement	GOOG-SONOSNDCA-00055048	R, H	403; H; A; MIL; PK; R; N			
TX6020	8/22/2019	Google Agreement	GOOG-SONOSNDCA-00055066	R, H	403; H; A; MIL; PK; R; N			
TX6021	7/15/2003	Google Agreement	GOOG-SONOSNDCA-00055078	R, H	403; H; A; MIL; PK; R; N			
TX6022	12/4/2012	Google Agreement	GOOG-SONOSNDCA-00055142	R, H	403; H; A; MIL; PK; R; N			
TX6023	12/19/2014	Google Agreement	GOOG-SONOSNDCA-00055153	R, H	403; H; A; MIL; PK; R; N			
TX6024	1/14/2013	Google Agreement	GOOG-SONOSNDCA-00055165	R, H	403; H; A; MIL; PK; R; N			
TX6025	9/8/2017	Google Agreement	GOOG-SONOSNDCA-00055178	R, H	403; H; A; MIL; PK; R; N			
TX6026	5/2/2008	Google Agreement	GOOG-SONOSNDCA-00055203	R, H	403; H; A; MIL; PK; R; N			
TX6027	1/17/2017	Google Agreement	GOOG-SONOSNDCA-00055209	R, H	403; H; A; MIL; PK; R; N			
TX6028		Sonos's Claim Chart - U.S. Patent App. No. 13/864,252	GOOG-SONOSNDCA-00055557	403, 408, R, H				
TX6029		Sonos's Claim Chart - U.S. Patent App. No. 15/228,812	GOOG-SONOSNDCA-00055560	403, 408, R, H				
TX6030		Sonos's Claim Chart - U.S. Patent App. No. 15/477,988	GOOG-SONOSNDCA-00055564	403, 408, R, H				
TX6031		Sonos's Claim Chart - U.S. Patent App. No. 15/611,919	GOOG-SONOSNDCA-00055567	403, 408, R, H				
TX6032		Sonos's Claim Chart - U.S. Patent App. No. 15/927,876	GOOG-SONOSNDCA-00055570	403, 408, R, H				
TX6033		Sonos's Claim Chart - U.S. Patent App. No. 16/107,092	GOOG-SONOSNDCA-00055577	403, 408, R, H				
TX6034		Sonos's Claim Chart - U.S. Patent App. No. 16/128,404	GOOG-SONOSNDCA-00055583	403, 408, R, H				
TX6035		Sonos's Claim Chart - U.S. Patent App. No. 16/143,057	GOOG-SONOSNDCA-00055588	403, 408, R, H				
TX6036		Sonos's Claim Chart - U.S. Patent No. 10,031,715	GOOG-SONOSNDCA-00055591	403, 408, R, H				
TX6037		Sonos's Claim Chart - U.S. Patent No. 10,091,548	GOOG-SONOSNDCA-00055594	403, 408, R, H				
TX6038		Sonos's Claim Chart - U.S. Patent No. 10,108,393	GOOG-SONOSNDCA-00055597	403, 408, R, H				
TX6039		Sonos's Claim Chart - U.S. Patent No. 10,116,641	GOOG-SONOSNDCA-00055603	403, 408, R, H				
TX6040		Sonos's Claim Chart - U.S. Patent No. 10,117,034	GOOG-SONOSNDCA-00055608	403, 408, R, H				
TX6041		Sonos's Claim Chart - U.S. Patent No. 10,117,037	GOOG-SONOSNDCA-00055612	403, 408, R, H				
TX6042		Sonos's Claim Chart - U.S. Patent No. 10,120,638	GOOG-SONOSNDCA-00055615	403, 408, R, H				
TX6043		Sonos's Claim Chart - U.S. Patent No. 10,129,675	GOOG-SONOSNDCA-00055618	403, 408, R, H				
TX6044		Sonos's Claim Chart - U.S. Patent No. 10,136,218	GOOG-SONOSNDCA-00055621	403, 408, R, H				
TX6045		Sonos's Claim Chart - U.S. Patent No. 10,140,085	GOOG-SONOSNDCA-00055624	403, 408, R, H				
TX6046		Sonos's Claim Chart - U.S. Patent No. 10,142,688	GOOG-SONOSNDCA-00055629	403, 408, R, H				
TX6047		Sonos's Claim Chart - U.S. Patent No. 10,146,498	GOOG-SONOSNDCA-00055632	403, 408, R, H				
TX6048		Sonos's Claim Chart - U.S. Patent No. 10,152,537	GOOG-SONOSNDCA-00055635	403, 408, R, H				
TX6049		Sonos's Claim Chart - U.S. Patent No. 10,157,035	GOOG-SONOSNDCA-00055644	403, 408, R, H				
TX6050		Sonos's Claim Chart - U.S. Patent No. 10,158,619	GOOG-SONOSNDCA-00055647	403, 408, R, H				
TX6051		Sonos's Claim Chart - U.S. Patent No. 10,175,930	GOOG-SONOSNDCA-00055650	403, 408, R, H				
TX6052		Sonos's Claim Chart - U.S. Patent No. 10,175,932	GOOG-SONOSNDCA-00055653	403, 408, R, H				
TX6053		Sonos's Claim Chart - U.S. Patent No. 10,185,540	GOOG-SONOSNDCA-00055658	403, 408, R, H				
TX6054		Sonos's Claim Chart - U.S. Patent No. 10,185,541	GOOG-SONOSNDCA-00055661	403, 408, R, H				
TX6055		Sonos's Claim Chart - U.S. Patent No. 10,191,981	GOOG-SONOSNDCA-00055666	403, 408, R, H				
TX6056		Sonos's Claim Chart - U.S. Patent No. 10,209,593 (Set to Issue)	GOOG-SONOSNDCA-00055672	403, 408, R, H				
TX6057		Sonos's Claim Chart - U.S. Patent No. 10,212,512	GOOG-SONOSNDCA-00055676	403, 408, R, H				
TX6058		Sonos's Claim Chart - U.S. Patent No. 10,216,473 (Set to Issue)	GOOG-SONOSNDCA-00055680	403, 408, R, H				
TX6059		Sonos's Claim Chart - U.S. Patent No. 10,225,651 (Set to Issue)	GOOG-SONOSNDCA-00055684	403, 408, R, H				
TX6060		Sonos's Claim Chart - U.S. Patent No. 7,571,014	GOOG-SONOSNDCA-00055693	403, 408, R, H				
TX6061		Sonos's Claim Chart - U.S. Patent No. 8,370,678	GOOG-SONOSNDCA-00055700	403, 408, R, H				
TX6062		Sonos's Claim Chart - U.S. Patent No. 8,588,949	GOOG-SONOSNDCA-00055703	403, 408, R, H				
TX6063		Sonos's Claim Chart - U.S. Patent No. 8,689,036	GOOG-SONOSNDCA-00055706	403, 408, R, H				
TX6064		Sonos's Claim Chart - U.S. Patent No. 8,788,080	GOOG-SONOSNDCA-00055709	403, 408, R, H				
TX6065		Sonos's Claim Chart - U.S. Patent No. 8,843,228	GOOG-SONOSNDCA-00055711	403, 408, R, H				
TX6066		Sonos's Claim Chart - U.S. Patent No. 8,868,698	GOOG-SONOSNDCA-00055716	403, 408, R, H				
TX6067		Sonos's Claim Chart - U.S. Patent No. 8,930,005	GOOG-SONOSNDCA-00055723	403, 408, R, H				
TX6068		Sonos's Claim Chart - U.S. Patent No. 8,934,997	GOOG-SONOSNDCA-00055726	403, 408, R, H				
TX6069		Sonos's Claim Chart - U.S. Patent No. 8,938,637	GOOG-SONOSNDCA-00055731	403, 408, R, H				
TX6070		Sonos's Claim Chart - U.S. Patent No. 9,042,556	GOOG-SONOSNDCA-00055734	403, 408, R, H				
TX6071		Sonos's Claim Chart - U.S. Patent No. 9,158,327	GOOG-SONOSNDCA-00055736	403, 408, R, H				
TX6072		Sonos's Claim Chart - U.S. Patent No. 9,164,531	GOOG-SONOSNDCA-00055740	403, 408, R, H				
TX6073		Sonos's Claim Chart - U.S. Patent No. 9,164,532	GOOG-SONOSNDCA-00055743	403, 408, R, H				
TX6074		Sonos's Claim Chart - U.S. Patent No. 9,164,533	GOOG-SONOSNDCA-00055746	403, 408, R, H				
TX6075		Sonos's Claim Chart - U.S. Patent No. 9,170,600	GOOG-SONOSNDCA-00055749	403, 408, R, H				
TX6076		Sonos's Claim Chart - U.S. Patent No. 9,176,520	GOOG-SONOSNDCA-00055753	403, 408, R, H				
TX6077		Sonos's Claim Chart - U.S. Patent No. 9,182,777	GOOG-SONOSNDCA-00055760	403, 408, R, H				

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TX6078		Sonos's Claim Chart - U.S. Patent No. 9,189,011	GOOG-SONOSNDCA-00055763	403, 408, R, H				
TX6079		Sonos's Claim Chart - U.S. Patent No. 9,195,258	GOOG-SONOSNDCA-00055766	403, 408, R, H				
TX6080		Sonos's Claim Chart - U.S. Patent No. 9,202,509	GOOG-SONOSNDCA-00055770	403, 408, R, H				
TX6081		Sonos's Claim Chart - U.S. Patent No. 9,207,905	GOOG-SONOSNDCA-00055775	403, 408, R, H				
TX6082		Sonos's Claim Chart - U.S. Patent No. 9,213,356	GOOG-SONOSNDCA-00055778	403, 408, R, H				
TX6083		Sonos's Claim Chart - U.S. Patent No. 9,213,357	GOOG-SONOSNDCA-00055781	403, 408, R, H				
TX6084		Sonos's Claim Chart - U.S. Patent No. 9,218,017	GOOG-SONOSNDCA-00055784	403, 408, R, H				
TX6085		Sonos's Claim Chart - U.S. Patent No. 9,219,460	GOOG-SONOSNDCA-00055790	403, 408, R, H				
TX6086		Sonos's Claim Chart - U.S. Patent No. 9,219,959	GOOG-SONOSNDCA-00055793	403, 408, R, H				
TX6087		Sonos's Claim Chart - U.S. Patent No. 9,246,442	GOOG-SONOSNDCA-00055796	403, 408, R, H				
TX6088		Sonos's Claim Chart - U.S. Patent No. 9,252,721	GOOG-SONOSNDCA-00055798	403, 408, R, H				
TX6089		Sonos's Claim Chart - U.S. Patent No. 9,344,206	GOOG-SONOSNDCA-00055800	403, 408, R, H				
TX6090		Sonos's Claim Chart - U.S. Patent No. 9,348,354	GOOG-SONOSNDCA-00055805	403, 408, R, H				
TX6091		Sonos's Claim Chart - U.S. Patent No. 9,348,824	GOOG-SONOSNDCA-00055808	403, 408, R, H				
TX6092		Sonos's Claim Chart - U.S. Patent No. 9,363,255	GOOG-SONOSNDCA-00055813	403, 408, R, H				
TX6093		Sonos's Claim Chart - U.S. Patent No. 9,367,611	GOOG-SONOSNDCA-00055816	403, 408, R, H				
TX6094		Sonos's Claim Chart - U.S. Patent No. 9,519,454	GOOG-SONOSNDCA-00055818	403, 408, R, H				
TX6095		Sonos's Claim Chart - U.S. Patent No. 9,648,071	GOOG-SONOSNDCA-00055821	403, 408, R, H				
TX6096		Sonos's Claim Chart - U.S. Patent No. 9,654,459	GOOG-SONOSNDCA-00055824	403, 408, R, H				
TX6097		Sonos's Claim Chart - U.S. Patent No. 9,654,821	GOOG-SONOSNDCA-00055827	403, 408, R, H				
TX6098		Sonos's Claim Chart - U.S. Patent No. 9,658,820	GOOG-SONOSNDCA-00055833	403, 408, R, H				
TX6099		Sonos's Claim Chart - U.S. Patent No. 9,681,232	GOOG-SONOSNDCA-00055840	403, 408, R, H				
TX6100		Sonos's Claim Chart - U.S. Patent No. 9,686,606	GOOG-SONOSNDCA-00055843	403, 408, R, H				
TX6101		Sonos's Claim Chart - U.S. Patent No. 9,703,521	GOOG-SONOSNDCA-00055848	403, 408, R, H				
TX6102		Sonos's Claim Chart - U.S. Patent No. 9,727,302	GOOG-SONOSNDCA-00055859	403, 408, R, H				
TX6103		Sonos's Claim Chart - U.S. Patent No. 9,727,303	GOOG-SONOSNDCA-00055862	403, 408, R, H				
TX6104		Sonos's Claim Chart - U.S. Patent No. 9,727,304	GOOG-SONOSNDCA-00055868	403, 408, R, H				
TX6105		Sonos's Claim Chart - U.S. Patent No. 9,733,891	GOOG-SONOSNDCA-00055874	403, 408, R, H				
TX6106		Sonos's Claim Chart - U.S. Patent No. 9,733,892	GOOG-SONOSNDCA-00055878	403, 408, R, H				
TX6107		Sonos's Claim Chart - U.S. Patent No. 9,733,893	GOOG-SONOSNDCA-00055882	403, 408, R, H				
TX6108		Sonos's Claim Chart - U.S. Patent No. 9,735,978	GOOG-SONOSNDCA-00055888	403, 408, R, H				
TX6109		Sonos's Claim Chart - U.S. Patent No. 9,740,453	GOOG-SONOSNDCA-00055895	403, 408, R, H				
TX6110		Sonos's Claim Chart - U.S. Patent No. 9,748,647	GOOG-SONOSNDCA-00055898	403, 408, R, H				
TX6111		Sonos's Claim Chart - U.S. Patent No. 9,749,760	GOOG-SONOSNDCA-00055900	403, 408, R, H				
TX6112		Sonos's Claim Chart - U.S. Patent No. 9,778,897	GOOG-SONOSNDCA-00055904	403, 408, R, H				
TX6113		Sonos's Claim Chart - U.S. Patent No. 9,778,898	GOOG-SONOSNDCA-00055907	403, 408, R, H				
TX6114		Sonos's Claim Chart - U.S. Patent No. 9,778,900	GOOG-SONOSNDCA-00055914	403, 408, R, H				
TX6115		Sonos's Claim Chart - U.S. Patent No. 9,798,510	GOOG-SONOSNDCA-00055917	403, 408, R, H				
TX6116		Sonos's Claim Chart - U.S. Patent No. 9,811,314	GOOG-SONOSNDCA-00055928	403, 408, R, H				
TX6117		Sonos's Claim Chart - U.S. Patent No. 9,826,306	GOOG-SONOSNDCA-00055931	403, 408, R, H				
TX6118		Sonos's Claim Chart - U.S. Patent No. 9,860,589	GOOG-SONOSNDCA-00055936	403, 408, R, H				
TX6119		Sonos's Claim Chart - U.S. Patent No. 9,860,657	GOOG-SONOSNDCA-00055943	403, 408, R, H				
TX6120		Sonos's Claim Chart - U.S. Patent No. 9,872,119	GOOG-SONOSNDCA-00055946	403, 408, R, H				
TX6121		Sonos's Claim Chart - U.S. Patent No. 9,883,234	GOOG-SONOSNDCA-00055949	403, 408, R, H				
TX6122		Sonos's Claim Chart - U.S. Patent No. 9,928,026	GOOG-SONOSNDCA-00055954	403, 408, R, H				
TX6123		Sonos's Claim Chart - U.S. Patent No. 9,942,215	GOOG-SONOSNDCA-00055959	403, 408, R, H				
TX6124		Sonos's Claim Chart - U.S. Patent No. 9,960,969	GOOG-SONOSNDCA-00055962	403, 408, R, H				
TX6125		Sonos's Claim Chart, U.S. Patent No. 9,967,615	GOOG-SONOSNDCA-00055970	403, 408, R, H				
TX6126		Sonos's Claim Chart - U.S. Patent No. 9,973,851	GOOG-SONOSNDCA-00055976	403, 408, R, H				
TX6127		Sonos's Claim Chart - U.S. Patent No. 9,998,841	GOOG-SONOSNDCA-00055979	403, 408, R, H				
TX6128	2/22/2019	Email from Mark Triplett to Matthew Gubiott et al. RE: Sonos Google Meeting	GOOG-SONOSNDCA-00055986	403, 408, R, H				
TX6129	2/22/2019	Letter from Mark Triplett of Sonos to Google re Feedback on Google's Model	GOOG-SONOSNDCA-00055992	403, 408, R, H				
TX6130	9/28/2020	Email from Alaina Kwasizur to Bradley Riel, et al. re Sonos Notice	GOOG-SONOSNDCA-00056001	403, R, H, N	403; H; R; PK; MIL			
TX6131	5/8/2018	U.S. Patent No. 9,967,615 (Coburn, IV), Exhibit 1	GOOG-SONOSNDCA-00056002	403, R, H, N	H; R; MIL			
TX6132	9/15/2020	U.S. Patent No. 10,779,033 (Coburn, IV), Exhibit 2	GOOG-SONOSNDCA-00056032	403, R, H, N				
TX6133	5/17/2016	U.S. Patent No. 9,344,206 (Lambourne), Exhibit 3	GOOG-SONOSNDCA-00056062	403, R, H, N				
TX6134	12/22/2015	U.S. Patent No. 9,219,460 (Bush), Exhibit 5	GOOG-SONOSNDCA-00056083	403, R, H, N				

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TX6135	11/5/2019	U.S. Patent No. 10,469,966 (Lambourne), Exhibit 4	GOOG-SONOSNDCA-00056107	403, R, H, N				
TX6136	9/29/2020	Complaint for Patent Infringement in Sonos, Inc. v. Google LLC (WDTX)	GOOG-SONOSNDCA-00056148	403, R, H, N				
TX6137		Valens Launch Narrative (Draft)	GOOG-SONOSNDCA-00056235	403, R, H	403; H; A; PK; R			
TX6138		Comparisons between Biggie and Sonos One and Play:5 (Draft)	GOOG-SONOSNDCA-00056242	403, R, H	403; H; A; PK; R			
TX6139		Presentation: Perceptual audio test on Newman tunings and competitor devices, Round 2 - June 2019 by Google	GOOG-SONOSNDCA-00056244	403, R, H	403; H; A; PK; R			
TX6140		Presentation: Perceptual Audio Evaluation Valens Benchmark Overview Q2-Q3 2019 by Google (October 2019)	GOOG-SONOSNDCA-00056267	403, R, H	403; H; A; PK; R			
TX6141		Presentation: Perceptual audio test on Newman tunings and competitor devices, Round 1 - Apr/May 2019 by Google	GOOG-SONOSNDCA-00056306	403, R, H	403; H; A; PK; R			
TX6142	10/24/2017	Presentation: Biggie Audio Performance Phase 1 Summary by Allion USA Engineering Services	GOOG-SONOSNDCA-00056348	403, R, H	403; H; A; PK; R			
TX6143		Presentation: Perceptual Audio Evaluation Valens Benchmark, Round 3 - Sept 2019 by Google	GOOG-SONOSNDCA-00056370	403, R, H	403; H; A; PK; R			
TX6144		Presentation: Sonos Play:5 Tear Down	GOOG-SONOSNDCA-00056420	403, R, H	403; H; A; PK; R			
TX6145		Presentation: This is Biggie by Google	GOOG-SONOSNDCA-00056500	403, R, H	403; H; A; PK; R			
TX6146		Spreadsheet: Stevie Conjoint_3.21.19.xlsx [NATIVE]	GOOG-SONOSNDCA-00056573	403, R, H	403; H; A; PK; R			
TX6147		Presentation: Stevie Conjoint Results by Google (September 2019)	GOOG-SONOSNDCA-00056580	403, R, H	403; H; A; PK; R			
TX6148		Spreadsheet: Copy_of_Biggie_Competitive.xlsx [NATIVE]	GOOG-SONOSNDCA-00056658	403, R, H	403; H; A; PK; R			
TX6149		Presentation: Speakers (Sonos PLAY:1, 3, 5; BOSE Soundtouch 10, 20, 30; Vizio Crave Pro; Naim Mu-So QB; Bowers-Wilkins Zeppelin; Google Home) by Google	GOOG-SONOSNDCA-00056659	403, R, H	403; H; A; PK; R			
TX6150		Photo of Rough Trade Records (close-up of interior wall with Sonos logo)	GOOG-SONOSNDCA-00056671	403, R, H, A	403; H; A; PK; R			
TX6151		Photo of Rough Trade Records (store interior showing interior wall with Sonos logo)	GOOG-SONOSNDCA-00056672	403, R, H, A	403; H; A; PK; R			
TX6152		Presentation: The Family by Google	GOOG-SONOSNDCA-00056673	403, R, H	403; H; A; PK; R			
TX6153		Spreadsheet: Copy_of_Sonos-play-5-s100.xlsx [NATIVE]	GOOG-SONOSNDCA-00056722	403, R, H	403; H; A; PK; R			
TX6154		WITHDRAWN						
TX6155	N/A	Webpage: Google Store - Chromecast Ultra	GOOG-SONOSNDCA-00056968	403, R, H, A				
TX6156	N/A	Webpage: Google Store - Nest Wifi point	GOOG-SONOSNDCA-00057243	403, R, H, A				
TX6157		WITHDRAWN						
TX6158	N/A	Webpage: Google Chromecast Help, Create and manage speaker groups	GOOG-SONOSNDCA-00057341	403, R, H, A				
TX6159	N/A	Webpage: Google Chromecast Help, Pick a preferred TV or speaker for video and audio playback	GOOG-SONOSNDCA-00057440	403, R, H, A				
TX6160		WITHDRAWN						
TX6161		Google Home, Setup Support, Google Store	GOOG-SONOSNDCA-00057935	403, R, H, A				
TX6162		Presentation: Google Home Reviews	GOOG-SONOSNDCA-00058647	403, R, H	403; H; A; PK; R			
TX6163		Presentation: Biggie Key Features	GOOG-SONOSNDCA-00058814	403, R, H	403; H; A; PK; R			
TX6164		WITHDRAWN						
TX6165		Google Home: A Quick Start Guide - Chromecast Help	GOOG-SONOSNDCA-00062308	403, R, H, A				
TX6166		How will my Chromecast device get updates? - Chromecast Help	GOOG-SONOSNDCA-00062560	403, R, MIL, H, A				
TX6167		WITHDRAWN						
TX6168		Over-the-Air Update - Chromecast Help	GOOG-SONOSNDCA-00063698	403, R, MIL, H, A				
TX6169		Update downloading delay with certain Wi-Fi routers - Chromecast Help	GOOG-SONOSNDCA-00064151	403, R, MIL, H, A				
TX6170		WITHDRAWN						
TX6171		Mistral/Vento Global Product Marketing Guide	GOOG-SONOSNDCA-00068358	403, R, MIL, H, A				
TX6172	11/5/2019	Google Nest Wifi US Master Copy Guide	GOOG-SONOSNDCA-00068495	403, R, MIL, H, A				
TX6173		Presentation: Pixel 4 Product Marketing Guide by Google (2018)	GOOG-SONOSNDCA-00069493	403, R, H				
TX6174	7/10/2019	Invoice #04-SV-Google-0719 from Sierra View, Series 91 of Allied Security Trust I to Google, Inc.	GOOG-SONOSNDCA-00069845	403, R	403; H; A; PK; R			
TX6175	12/6/2016	Invoice #05-TS-Google-1216 from Times Square, Series 80 of Allied Security Trust I to Google, Inc.	GOOG-SONOSNDCA-00069846	403, R	403; H; A; PK; R			
TX6176	11/21/2014	Letter from Caitlin Nistico to Russell W. Binns, Jr. re Official Bid in Response to AST Lot #4821	GOOG-SONOSNDCA-00069847	403, R	403; H; A; PK; R			

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TX6177	10/25/2012	Letter from Kenny Tse to Daniel P. McCurdy re Official Bid in Response to AST Lot #3398	GOOG-SONOSNDCA-00069849	403, R	403; H; A; PK; R			
TX6178		WITHDRAWN						
TX6179		WITHDRAWN						
TX6180		Presentation: Detachable Features Ranking - Full Report prepared by Radius for Google (March 2018)	GOOG-SONOSNDCA-00071111	H	403; H; R; PK; A			
TX6181		WITHDRAWN						
TX6182		WITHDRAWN						
TX6183		WITHDRAWN						
TX6184		WITHDRAWN						
TX6185		WITHDRAWN						
TX6186		WITHDRAWN						
TX6187		WITHDRAWN						
TX6188		WITHDRAWN						
TX6189		music.youtube.com image.png	GOOG-SONOSNDCA-00072025	403, R, H, INC				
TX6190		WITHDRAWN						
TX6191		WITHDRAWN						
TX6192		WITHDRAWN						
TX6193		WITHDRAWN						
TX6194		WITHDRAWN						
TX6195		Presentation: Speakers Prince Conjoint Survey Results for November 2019 by Google	GOOG-SONOSNDCA-00073183	H	403; H; A; PK; R			
TX6196		WITHDRAWN						
TX6197		WITHDRAWN						
TX6198		WITHDRAWN						
TX6199		WITHDRAWN						
TX6200		WITHDRAWN						
TX6201		WITHDRAWN						
TX6202		WITHDRAWN						
TX6203	10/15/2011	Email from Vincent Dureau to Mario Querioz, et al. re Tungsten meeting	GOOG-SONOSNDCA-00073639	H				
TX6204	11/17/2011	Email from Vincent Dureau to John Harding, et al. Re: our second screen experience	GOOG-SONOSNDCA-00073640	H				
TX6205		WITHDRAWN						
TX6206		WITHDRAWN						
TX6207		WITHDRAWN						
TX6208		WITHDRAWN						
TX6209		WITHDRAWN						
TX6210	12/11/2015	Email from Jamie Rosenberg to Neal Mohan, et al. Re: Fwd: Coverage Recap: Chromecast Audio support for multi-room/hi-res	GOOG-SONOSNDCA-00074546	H				
TX6211	1/28/2016	Email from Rishi Chandra to Ken Mixer, et al. Re: notes from the meeting?	GOOG-SONOSNDCA-00074740	H				
TX6212	3/1/2016	Email from Claire Kim to Mario Querioz, et al. Re: Please approve by EOD Wed 3/2: FY2017 Chromecast Vendor Program Agreement (VPA) [341675]	GOOG-SONOSNDCA-00074794	H				
TX6213	3/2/2016	Email from Mario Querioz to Suveer Kothari, et al. Fwd: Fwd: 2016 EMEA Marketing Living Room Plans- deck for meeting on Monday	GOOG-SONOSNDCA-00074802	H				
TX6214	4/26/2016	Email from Rishi Chandra to Extended MQ Staff, et al. re Good article on Chromecast Audio	GOOG-SONOSNDCA-00074918	H				
TX6215		WITHDRAWN						
TX6216		WITHDRAWN						
TX6217		WITHDRAWN						
TX6218		WITHDRAWN						
TX6219		WITHDRAWN						
TX6220		WITHDRAWN						
TX6221		WITHDRAWN						
TX6222		WITHDRAWN						
TX6223		WITHDRAWN						
TX6224		WITHDRAWN						
TX6225		WITHDRAWN						



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TX6226		WITHDRAWN						
TX6227		WITHDRAWN						
TX6228		WITHDRAWN						
TX6229		WITHDRAWN						
TX6230		WITHDRAWN						
TX6231		Presentation: Google Cast for Audio - Beats Electronics Discussion	GOOG-SONOS-NDCA-00086731	403, A, R				
TX6232		WITHDRAWN						
TX6233		WITHDRAWN						
TX6234		WITHDRAWN						
TX6235		WITHDRAWN						
TX6236		WITHDRAWN						
TX6237		WITHDRAWN						
TX6238		WITHDRAWN						
TX6239		WITHDRAWN						
TX6240		WITHDRAWN						
TX6241		WITHDRAWN						
TX6242		WITHDRAWN						
TX6243		WITHDRAWN						
TX6244		WITHDRAWN						
TX6245		WITHDRAWN						
TX6246		WITHDRAWN						
TX6247		WITHDRAWN						
TX6248		WITHDRAWN						
TX6249		WITHDRAWN						
TX6250		WITHDRAWN						
TX6251		SSDP Discovery of Sonos Groups	GOOG-SONOS-NDCA-00112874	R				
TX6252		WITHDRAWN						
TX6253		WITHDRAWN						
TX6254	6/10/2014	Email from Tomer Shekel to Jaehoon Kim, et al. Re: [Update] LG Google Cast for Audio Weekly Call	GOOG-SONOS-NDCA-00114286	R, H				
TX6255	6/5/2014	Presentation: Google Cast for Audio - Initial UX spec 6.5.2014	GOOG-SONOS-NDCA-00114302	403, H, R				
TX6256	3/1/2021	Presentation: Pixel Indirect Value Methodology & Applications by Google	GOOG-SONOSNDCA-00115771	H	403; H; R; PK; A			
TX6257		WITHDRAWN						
TX6258		Presentation: Compute Council - GTV Update by Google (May 2022)	GOOG-SONOSNDCA-00115896	H	403; H; R; PK; A			
TX6259		Presentation: LTV Modeling Framework Display Go-Big by Google (August 2020)	GOOG-SONOSNDCA-00115914	403, R, N, H, DU				
TX6260	10/2/2017	Sonos and Google Term Sheet - Depo Ex. Kwasizur 18	GOOG-SONOSNDCA-00116067	R, H	403; H; A; PK; R			
TX6261		Spreadsheet: Updated Financial Data.xlsx [NATIVE]	GOOG-SONOSNDCA-00116083	403, R, MSJ, DU	403; H; A; PK; R; INC; BE			
TX6262		Sonos Controller for Mac or PC - Product Guide, Exhibit 12	GOOG-SONOSNDCA-00116084	A, DU, H				
TX6263		WITHDRAWN						
TX6264		WITHDRAWN						
TX6265		WITHDRAWN						
TX6266		WITHDRAWN						
TX6267		WITHDRAWN						
TX6268		Squeezebox - Owner's Guide (2005)	GOOG-SONOSNDCA-00117054					
TX6269		Spreadsheet: Cast Data.xlsx [NATIVE]	GOOG-SONOSNDCA-00117796	403, R, MSJ				
TX6270		Spreadsheet: Hardware Revenue and Unit Sales.xlsx [NATIVE]	GOOG-SONOSNDCA-00117797	403, R, MSJ	403; H; R; PK; A			
TX6271		Spreadsheet: YT Advertising Revenue.xlsx [NATIVE]	GOOG-SONOSNDCA-00117799	403, R, MSJ, MIL				
TX6272		WITHDRAWN						
TX6273		WITHDRAWN						
TX6274		Crestron Adagio - AES Entertainment System - Manual	GOOG-SONOSNDCA-00117940		403; H; R; PK; A			
TX6275		Crestron Adagio AMS - Media System Operations Guide	GOOG-SONOSNDCA-00118026					
TX6276		Spreadsheet: YouTube Apps P&L.xlsx [NATIVE]	GOOG-SONOSNDCA-00118157	403, R, MSJ, MIL	H; A; PK; R; INC; BE			
TX6277	12/9/2003	Webpage: Slim Devices Squeezebox Review Digital Trends by Aaron Colter ( <a href="https://www.digitaltrends/home-theatre/slim-devices-squeezebox">https://www.digitaltrends/home-theatre/slim-devices-squeezebox</a> )	GOOG-SONOSNDCA-00118701	A, H	403; H; R; PK; A			
TX6278		WITHDRAWN						
TX6279	1/5/2023	Google Agreement	GOOG-SONOSNDCA-00118768	R, H	403; H; R; PK; MIL			

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TX6280	10/4/2017	Welcoming Mini and Max to the Google Home family - Google The Keyword	GOOG-SONOSWDTX-00005206	403, R, H				
TX6281	9/29/2015	Webpage: Google - The Keyword - Product updates - How to love Chromecast a lot (Shanna Preve, Director, Global Content, Chromecast)	GOOG-SONOSWDTX-00005209	403, R, H	A; H; R			
TX6282	10/15/2019	Webpage: Google - The Keyword - Product Updates - Nest Mini brings twice the bass and an upgraded Assistant (Mark Spates, Product Manager, Google Nest)	GOOG-SONOSWDTX-00005212	403, R, H				
TX6283	10/9/2018	Webpage: Google - The Keyword - Product updates - Get help at a glance with Google Home Hub (Diya Jolly, VP of Product Management, Google Home)	GOOG-SONOSWDTX-00005224	403, R, H				
TX6284	5/7/2019	Webpage: Google - The Keyword - Product Updates - More help is on the way with Nest Hub Max (Rishi Chandra, VP of Product and General Manager, Google Home and Nest)	GOOG-SONOSWDTX-00005229	R				
TX6285		WITHDRAWN						
TX6286	N/A	Webpage: Google Nest Help, Play media from Chromecast-enabled apps to your Google Nest or Google Home speaker or display (Android)	GOOG-SONOSWDTX-00005631	R				
TX6287		Use multi-room control with the Google Home app or your Google Nest display - Google Nest Help	GOOG-SONOSWDTX-00005637	R				
TX6288		Our products work even better together - Google Store	GOOG-SONOSWDTX-00005645	R				
TX6289		Improve your Android Audio casting experience - Chromecast Help	GOOG-SONOSWDTX-00005649	R				
TX6290		Chromecast works with the apps you love - Google Store	GOOG-SONOSWDTX-00005659	R				
TX6291		WITHDRAWN						
TX6292	N/A	Webpage: Google Chromecast built-in, Learn how to cast to your speakers	GOOG-SONOSWDTX-00005760	R				
TX6293	N/A	Webpage: Google Assistant Help, Group your Google Assistant devices	GOOG-SONOSWDTX-00005768	R				
TX6294		Set up your Chromecast device (3rd gen or older) - Chromecast Help	GOOG-SONOSWDTX-00005770	R				
TX6295	N/A	Webpage: Chromecast Help, Listen to music on speakers and displays	GOOG-SONOSWDTX-00005793	R				
TX6296	N/A	Webpage: Chromecast Help, Move media from one cast device to another	GOOG-SONOSWDTX-00005827	R				
TX6297		WITHDRAWN						
TX6298		WITHDRAWN						
TX6299		WITHDRAWN						
TX6300	N/A	Webpage: Chromecast Help, Cast from the YouTube app and YouTube.com	GOOG-SONOSWDTX-00005981	R				
TX6301		Requirements for Google Nest and Chromecast devices - Google Nest Help	GOOG-SONOSWDTX-00005984	R				
TX6302	N/A	Webpage: Google Store, Audio Anywhere Package	GOOG-SONOSWDTX-00005995	R				
TX6303		The Google Holiday Movie Marathon - Chromecast with Google TV - Google Store	GOOG-SONOSWDTX-00006022	R				
TX6304	N/A	Webpage: Google Store, Compare Chromecast streamers	GOOG-SONOSWDTX-00006037	R				
TX6305		Buying your Pixel is easy - Trade in and upgrade your phone. All from home. Google Pixel 4a - Google Store	GOOG-SONOSWDTX-00006045	R				
TX6306		Built for sound, inside and out. Meet Google Home Max - Google Store	GOOG-SONOSWDTX-00006122	R				
TX6307		Compare the Google Nest family - Google Store	GOOG-SONOSWDTX-00006170	R				
TX6308		Compare smart speakers and displays - Google Store	GOOG-SONOSWDTX-00006172	403, A, H, BE, DU, IL, R				
TX6309		Students can save 10% on Pixel Slate. Google Pixel Slate - Google Store	GOOG-SONOSWDTX-00006187	403, A, H, BE, DU, IL, R				
TX6310		Google Pixelbook Go - Google Store	GOOG-SONOSWDTX-00006363	403, A, H, BE, DU, IL, R				
TX6311		Meet Pixel 3a. The camera that does the work for you - Google Store	GOOG-SONOSWDTX-00006372	403, A, H, BE, DU, IL, R				
TX6312		The Google Phone. Google Pixel 4 - Google Store	GOOG-SONOSWDTX-00006452	403, A, H, BE, DU, IL, R				
TX6313		The ultimate 5G Google phone. Google Pixel 5 - Google Store	GOOG-SONOSWDTX-00006481	403, A, H, BE, DU, IL, R				
TX6314	N/A	Webpage: Google Store, Room-filling Audio Package	GOOG-SONOSWDTX-00006518	403, A, H, BE, DU, IL, R				
TX6315		WITHDRAWN						
TX6316		Use YouTube Music with other apps and services - YouTube Music Help	GOOG-SONOSWDTX-00006564	403, A, H, BE, DU, IL, R				
TX6317		WITHDRAWN						
TX6318		WITHDRAWN						



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TX6319		WITHDRAWN						
TX6320		WITHDRAWN						
TX6321		WITHDRAWN						
TX6322		WITHDRAWN						
TX6323		WITHDRAWN						
TX6324		WITHDRAWN						
TX6325		WITHDRAWN						
TX6326		WITHDRAWN						
TX6327		Create and manage speaker groups - Google Nest Help	GOOG-SONOSWDTX-00007122	403, A, H, BE, DU, IL, R				
TX6328		WITHDRAWN						
TX6329		WITHDRAWN						
TX6330		How to cast audio: A quick start guide - Chromecast Help	GOOG-SONOSWDTX-00007318	403, R, N, H, DU				
TX6331		Requirements for Chromecast devices - Chromecast Help	GOOG-SONOSWDTX-00007329	403, R, N, H, DU				
TX6332	9/17/2019	[About] Chromecast Audio specifications - Chromecast Help	GOOG-SONOSWDTX-00007344	403, R, N, H, DU				
TX6333		WITHDRAWN						
TX6334		WITHDRAWN						
TX6335		Google Nest and Google Home device specifications - Google Nest Help	GOOG-SONOSWDTX-00007450	403, R, N, H, DU				
TX6336		WITHDRAWN						
TX6337		WITHDRAWN						
TX6338		Google Nest or Google Home and your child's Google Account - Google Nest Help	GOOG-SONOSWDTX-00007490	403, R, N, H, DU				
TX6339		WITHDRAWN						
TX6340		WITHDRAWN						
TX6341		Meet the Google Home app - Google Nest Help	GOOG-SONOSWDTX-00007538	H				
TX6342		Nest Audio. Amazing Sound. At your command - Google Store	GOOG-SONOSWDTX-00007541	H	403; H; R; PK; A			
TX6343		WITHDRAWN						
TX6344	3/14/2017	Chromecast - Find the perfect playlist to stream with the Google Home app by Ruchi Desai - Google The Keyword	GOOG-SONOSWDTX-00007639	403, R, N, H, DU				
TX6345	10/9/2018	Pixel - Google Pixel 3: Make every day more extraordinary by Mario Queiroz - Google The Keyword	GOOG-SONOSWDTX-00007857	403, R, N, H, DU				
TX6346	10/15/2019	Pixel. Pixel 4 is here to help. Google The Keyword	GOOG-SONOSWDTX-00007954	403, R, N, H, DU				
TX6347	10/9/2018	Webpage: Google - The Keyword - Product updates - Five reasons (and two colors) why we love the new Chromecast (Jess Bonner, Product Manager, Chromecast)	GOOG-SONOSWDTX-00008118	403, R, N, H, DU				
TX6348	10/4/2017	Pixelbook. Google Pixelbook: the high performance Chromebook - Google The Keyword	GOOG-SONOSWDTX-00008145	403, R, N, H, DU				
TX6349		WITHDRAWN						
TX6350		WITHDRAWN						
TX6351		WITHDRAWN						
TX6352		WITHDRAWN						
TX6353	10/8/2019	Webpage: Google - The Keyword - Product updates - Move your music between rooms with stream transfer (Chris Chan, Product Manager, Google Nest)	GOOG-SONOSWDTX-00008248	403, R, N, H, DU				
TX6354		Use Google Nest Wifi and Google Wifi devices on the same network - Google Wifi Help	GOOG-SONOSWDTX-00008437	403, R, N, H, DU				
TX6355	N/A	Webpage: Google Wifi Help, Use multi-room control with the Google Home app or your Google Nest display	GOOG-SONOSWDTX-00008447	403, R, N, H, DU				
TX6356	N/A	Webpage: Google Wifi Help, Use multi-room control with the Google Home app or your Google Nest display	GOOG-SONOSWDTX-00008449	403, R, N, H, DU				
TX6357		Set up Google Nest Wifi - Google Wifi Help	GOOG-SONOSWDTX-00015803	403, R, N, H, DU				
TX6358		WITHDRAWN						
TX6359		WITHDRAWN						
TX6360		Use Chromecast with your Pixelbook - Pixelbook Help	GOOG-SONOSWDTX-00016964	403, R, N, H, DU				
TX6361		WITHDRAWN						
TX6362		WITHDRAWN						
TX6363		Use Chromecast with your Pixel Slate - Pixel Slate Help	GOOG-SONOSWDTX-00021429	403, R, N, H, DU				
TX6364		WITHDRAWN						
TX6365		WITHDRAWN						

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TX6366		How to cast: A quick start guide - Chromecast Help	GOOG-SONOSWDTX-00022294	403, R, N, H, DU				
TX6367		WITHDRAWN						
TX6368		Google Home - Apps on Google Play	GOOG-SONOSWDTX-00022675	403, R, N, H, DU				
TX6369		Set up a TV with Chromecast built-in - Chromecast built-in Help	GOOG-SONOSWDTX-00022894	403, R, N, H, DU				
TX6370		Use Nearby to find Chromecast devices - Chromecast Help	GOOG-SONOSWDTX-00022919	403, R, N, H, DU				
TX6371		Find your device's firmware version - Google Nest Help	GOOG-SONOSWDTX-00023099	403, R, N, H, DU				
TX6372		Update the Google Home app - Google Nest Help	GOOG-SONOSWDTX-00023223	403, R, N, H, DU				
TX6373	N/A	Webpage: Partner Marketing Hub - Brands, Google Nest Wifi overview	GOOG-SONOSWDTX-00023521	403, R, N, H, DU				
TX6374		Google Home Max. Tech Specs - Google Store	GOOG-SONOSWDTX-00025589	403, R, N, H, DU				
TX6375		Nest Mini. Tech Specs - Google Store	GOOG-SONOSWDTX-00025632	403, R, N, H, DU				
TX6376		Pro tips on getting your home Stadia Ready - Stadia Help	GOOG-SONOSWDTX-00026760	403, R, N, H, DU				
TX6377	N/A	Webpage: Google Store Help - Help Center, Device availability	GOOG-SONOSWDTX-00027180	403, R, N, H, DU				
TX6378		Google Home. Welcome, let's get you set up - Google	GOOG-SONOSWDTX-00027617	403, R, N, H, DU				
TX6379		Get the most out of Google Home Max. Google Home Max - Google Store	GOOG-SONOSWDTX-00027618	403, R, N, H, DU				
TX6380		Get started with Google Home Mini. Google Home Mini - Google Store	GOOG-SONOSWDTX-00027633	403, R, N, H, DU				
TX6381		The ins and outs of Google Home Mini. Google Home Mini - Google Store	GOOG-SONOSWDTX-00027635	403, R, N, H, DU				
TX6382		Get started in seconds. Google Nest Hub - Google Store	GOOG-SONOSWDTX-00027684	403, R, N, H, DU				
TX6383		WITHDRAWN						
TX6384		Get started in seconds. Google Nest Hub - Google Store	GOOG-SONOSWDTX-00029578	403, R, N, H, DU				
TX6385		WITHDRAWN						
TX6386		WITHDRAWN						
TX6387		Chromecast specifications - Chromecast Help	GOOG-SONOSWDTX-00031712	403, R, N, H, DU				
TX6388	N/A	Webpage: Google Store, Google Home Max	GOOG-SONOSWDTX-00034660	403, R, N, H, DU				
TX6389		WITHDRAWN						
TX6390		WITHDRAWN						
TX6391		WITHDRAWN						
TX6392		WITHDRAWN						
TX6393		WITHDRAWN						
TX6394		WITHDRAWN						
TX6395		WITHDRAWN						
TX6396		WITHDRAWN						
TX6397		Presentation: Building Integrated Experiences for the Living Room - Google Cast and Android TV by Adam Champy and Sascha Prueter (I/O 2016)	GOOG-SONOSWDTX-00039359	403, H, R				
TX6398		Presentation: Introducing the New Google Cast SDK by Adam Champy (I/O 2016)	GOOG-SONOSWDTX-00039410	403, H, R				
TX6399		WITHDRAWN						
TX6400		WITHDRAWN						
TX6401		WITHDRAWN						
TX6402		WITHDRAWN						
TX6403		WITHDRAWN						
TX6404		WITHDRAWN						
TX6405		WITHDRAWN						
TX6406		WITHDRAWN						
TX6407		WITHDRAWN						
TX6408		WITHDRAWN						
TX6409		WITHDRAWN						
TX6410		WITHDRAWN						
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TX6418		WITHDRAWN						
TX6419		WITHDRAWN						

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TX6420		WITHDRAWN						
TX6421		WITHDRAWN						
TX6422		WITHDRAWN						
TX6423		WITHDRAWN						
TX6424		WITHDRAWN						
TX6425		WITHDRAWN						
TX6426		WITHDRAWN						
TX6427		WITHDRAWN						
TX6428		WITHDRAWN						
TX6429		WITHDRAWN						
TX6430		WITHDRAWN						
TX6431		WITHDRAWN						
TX6432		WITHDRAWN						
TX6433		WITHDRAWN						
TX6434		WITHDRAWN						
TX6435		WITHDRAWN						
TX6436		WITHDRAWN						
TX6437		10 Things to Know About Google Home Max - Google	GOOG-SONOSWDTX-00043836	403, A, H, BE, DU, R				
TX6438		10 Things to Know About Google Home - Google	GOOG-SONOSWDTX-00044319	403, A, H, BE, DU, R				
TX6439	4/3/2018	Presentation: Caprica OK2COMMIT (Proto-EVT) EXIT REVIEW go/caprica-ok2commit by Google	GOOG-SONOSWDTX-00045122	403, A, H, BE, DU, R				
TX6440	12/15/2017	Presentation: Caprica OK2DESIGN (Concept-Definition) EXIT REVIEW go/caprica-ok2design by Google	GOOG-SONOSWDTX-00045197	403, A, H, BE, DU, R				
TX6441	2/26/2019	Presentation: Newmann OK2Scale by Google	GOOG-SONOSWDTX-00045854	403, A, H, BE, DU, R				
TX6442	5/14/2019	Presentation: Prince OK2DEVELOP go/prince-ok2develop by Google	GOOG-SONOSWDTX-00046699	A, H				
TX6443		Presentation: Google Pixel 4 product concept, business plan, development plan, product readiness, and OK2Build approval	GOOG-SONOSWDTX-00048099	A, H	403; H; A; PK; R			
TX6444		GC4A/TV setup requirement specifications	GOOG-SONOSWDTX-00048362	A, BE, DU, H, R, 403				
TX6445	6/8/2018	Cast Sender Dynamic Group by yylui@google.com (Draft)	GOOG-SONOSWDTX-00048393	A, BE, DU, H, R, 403				
TX6446		Design of Profile Processor integration by jyw@, et al. (Draft)	GOOG-SONOSWDTX-00048510	A, BE, DU, H, R, 403				
TX6447		Presentation: Dynamic Groups by Google	GOOG-SONOSWDTX-00048513	A, BE, DU, H, R, 403				
TX6448	9/7/2018	Google Estelle Engineering Response Spec by willycheung@	GOOG-SONOSWDTX-00048641	A, BE, DU, H, R, 403				
TX6449		GC4A compatability definition document v1.50 (2016)	GOOG-SONOSWDTX-00048731	A, BE, DU, H, R, 403				
TX6450		Google Cast audio features PRD (Draft)	GOOG-SONOSWDTX-00048855	A, BE, DU, H				
TX6451		Mistral PRD	GOOG-SONOSWDTX-00048912	A, BE, DU, H, R, 403				
TX6452		Multiroom for Video Devices (Draft)	GOOG-SONOSWDTX-00048959	A, BE, DU, H, R				
TX6453	1/8/2016	Multizone - cast_shell integration by Ken MacKay (Draft)	GOOG-SONOSWDTX-00048962	A, H	403; H; A; PK; R			
TX6454		Multizone Audio Design (Draft)	GOOG-SONOSWDTX-00048967	A, BE, DU, H, R				
TX6455	8/14/2017	Multizone video groups by Nikita Gupta (Draft)	GOOG-SONOSWDTX-00048973	A, H	403; H; A; PK; R			
TX6456		WITHDRAWN						
TX6457		WITHDRAWN						
TX6458	9/1/2015	Presentation: Dogfood #3: Setup Survey for Chromecast	GOOG-SONOSWDTX-00050605	A, BE, DU, H, R, 403				
TX6459		WITHDRAWN						
TX6460		WITHDRAWN						
TX6461		Greater Flexibility in Cast Mixing Pipeline by bshaya@ (Draft)	GOOG-SONOSWDTX-00051153	A, BE, DU, H, R, 403				
TX6462	10/23/2017	BIGGIE, Contents & System Block Diagram	GOOG-SONOSWDTX-00051270	A, BE, DU, H, R, 403				
TX6463	8/21/2017	Joplin Audio Assistant Main Board, Contents & System Block Diagram	GOOG-SONOSWDTX-00051299	A, BE, DU, H, R, 403				
TX6464	8/28/2015	Chromecast Earth HDMI Dongle, Contents & System Block Diagram	GOOG-SONOSWDTX-00051351	A, BE, DU, H, R, 403				
TX6465	8/22/2016	Chirp Audio Assistant Main Board, Contents & System Block Diagram	GOOG-SONOSWDTX-00051384	A, BE, DU, H, R, 403				
TX6466	6/29/2016	Chromecast Luther HDMI Dongle, Contents & System Block Diagram	GOOG-SONOSWDTX-00051407	A, BE, DU, H, R, 403				
TX6467	7/17/2019	Valens MLB Rev A, Table of Contents & Block Diagram	GOOG-SONOSWDTX-00051429	A, BE, DU, H, R, 403				
TX6468		Presentation: Living Room Orbit Experience, Next Gen Fiji by YouTube (with slide notes) (Q2 2019)	GOOG-SONOSWDTX-00051544	A, BE, DU, H, R, 403				
TX6469		WITHDRAWN						
TX6470		WITHDRAWN						
TX6471		WITHDRAWN						
TX6472		WITHDRAWN						
TX6473		WITHDRAWN						
TX6474		WITHDRAWN						

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TX6475		WITHDRAWN						
TX6476		WITHDRAWN						
TX6477		WITHDRAWN						
TX6478		WITHDRAWN						
TX6479		WITHDRAWN						
TX6480		WITHDRAWN						
TX6481		WITHDRAWN						
TX6482		WITHDRAWN						
TX6483	4/24/2012	Nexus Q User Guide (Third Draft)	GOOG-SONOSWDTX-00053103	A, H	403; H; R; PK; A			
TX6484		WITHDRAWN						
TX6485		WITHDRAWN						
TX6486		WITHDRAWN						
TX6487		WITHDRAWN						
TX6488		WITHDRAWN						
TX6489		WITHDRAWN						
TX6490		Spreadsheet: Google v. Sonos WDTX Revenue and Unit Sales.xlsx [NATIVE]	GOOG-SONOSWDTX-00053613	403, R, DU	403; H; A; PK; R; INC; BE			
TX6491		WITHDRAWN						
TX6492		WITHDRAWN						
TX6493		WITHDRAWN						
TX6494		WITHDRAWN						
TX6495		WITHDRAWN						
TX6496		WITHDRAWN						
TX6497		WITHDRAWN						
TX6498		WITHDRAWN						
TX6499		WITHDRAWN						
TX6500	1/13/2006	Webpage: Wayback Machine, Slim Devices Beginners Guide (https://web.archive.org/web/20060113082526/http://wiki.slimdevices.com:80/index.cgi?BeginnersGuide)	GOOG-SONOSWDTX-00054656					
TX6501	3/4/2007	Webpage: Headworx blog, Multiroom Audio	GOOG-SONOSWDTX-00054659	A, H	403; H; R; PK; A			
TX6502		Squeezebox 2 Owner's Guide (2005)	GOOG-SONOSWDTX-00054702	403, A, H, DU, BE, R				
TX6503	1/13/2006	Webpage: Wayback Machine, Slim Devices Synchronization (https://web.archive.org/web/20060113080440/http://wiki.slimdevices.com:80/index.cgi?Synchronization)	GOOG-SONOSWDTX-00054730	403, A, H, DU, BE, R				
TX6504		WITHDRAWN						
TX6505		WITHDRAWN						
TX6506		WITHDRAWN						
TX6507		WITHDRAWN						
TX6508		WITHDRAWN						
TX6509		WITHDRAWN						
TX6510		WITHDRAWN						
TX6511		WITHDRAWN						
TX6512		WITHDRAWN						
TX6513	3/27/2007	U.S. Patent No. 7,197,148 (Nourse)	GOOG-SONOS-WDTX-INV-00013995					
TX6514	8/7/2012	U.S. Patent No. 8,239,559 (Rajapakse)	GOOG-SONOS-WDTX-INV-00014153					
TX6515	11/11/2004	U.S. Patent App. Pub. No. 2004/0223622 A1 (Lindemann)	GOOG-SONOS-WDTX-INV-00014377					
TX6516	4/22/2014	Canadian Patent No. 2,533,852 (Millington)	GOOG-SONOS-WDTX-INV-00015011					
TX6517		Video: Sonos Wireless Multi-Room Music System (mp4) [NATIVE]	GOOG-SONOS-WDTX-INV-00015075	A, H				
TX6518		Video: Sonos the Wireless Hi-Fi System (mp4) [NATIVE]	GOOG-SONOS-WDTX-INV-00015078	A, H				
TX6519		WITHDRAWN						
TX6520		WITHDRAWN						
TX6521		WITHDRAWN						
TX6522		WITHDRAWN						
TX6523		WITHDRAWN						
TX6524		WITHDRAWN						
TX6525		WITHDRAWN						
TX6526	N/A	Webpage: Sonos Community post, Macro / presets (https://en.community.sonos.com/music-services-and-sources-228994/macro-presets-4528)	GOOG-SONOS-WDTX-INV-00015877	A, H	403; H; R; PK; A; BE; INC			

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TX6527	N/A	Webpage: Audio Review, Bose Lifestyle 50 Mini Systems (http://www.audioreview.com/product/other/mini-systems/bose/lifestyle-50.html)	GOOG-SONOS-WDTX-INV-00016175	403, A, H, R				
TX6528		WITHDRAWN						
TX6529	9/25/2020	Order 20: Construing the Terms of the Asserted Claims of the Patents at Issue, In re Certain Audio Players, Inv. No. 337-TA-1191	SONOS-SVG2-00018184	N				
TX6530		WITHDRAWN						
TX6531		WITHDRAWN						
TX6532		WITHDRAWN						
TX6533		WITHDRAWN						
TX6534		WITHDRAWN						
TX6535		WITHDRAWN						
TX6536		WITHDRAWN						
TX6537		WITHDRAWN						
TX6538		Handwritten Computation Book by Rob Lambourne re Interaction Design (March 2006)	SONOS-SVG2-00026472	403, A, H				
TX6539	3/2/2005	Handwritten notes showing diagram of Group, Zone Groups and Setup Zone Groups (Macro's) - Depo Ex. Lambourne 1097	SONOS-SVG2-00026625	A, H	403; H; R; PK			
TX6540		Sonos Alarm Clock corner cases (Feb 2006)	SONOS-SVG2-00026752	403, A, H, R, DU				
TX6541	5/15/2006	Clocks and Alarms: Changes following Alpha feedback by Rob Lambourne	SONOS-SVG2-00026754	403, A, H, R, DU				
TX6542	4/14/2006	Sonos UI Specification for Clock and Alarm Clock (Version 003) by Rob Lambourne	SONOS-SVG2-00026766	403, A, H, R, DU				
TX6543		Spreadsheet: Elvis Beta feedback01.xls [NATIVE]	SONOS-SVG2-00026810	403, A, H, R, DU, BE				
TX6544	1/16/2006	Sonos UI Specification for Clock and Alarm Clock (Version 003) by Rob Lambourne	SONOS-SVG2-00026811	403, A, H, R, DU, BE				
TX6545	12/21/2005	Sonos UI Specification for Zone Scenes (Version 001) by Rob Lambourne - Depo Ex. Lambourne 1098	SONOS-SVG2-00026839	A, H	403; H; R; PK			
TX6546	8/27/2006	Email from Nick Millington to Arthur Rudolph, et al. re development testing this week	SONOS-SVG2-00026859	403, A, H, R, DU, BE				
TX6547	5/31/2006	Email from Matt Meyer to Nick Millington, et al. re Alpha #2 Prep - Meeting Minutes	SONOS-SVG2-00026861	403, A, H, R, DU, BE				
TX6548	8/11/2006	Email from Rob Lambourne to Andrew Schultert, et al. RE: Elvis meeting Friday -	SONOS-SVG2-00026862	403, A, H, R, DU, BE				
TX6549	8/11/2006	Sonos Elvis Beta feedback.	SONOS-SVG2-00026863	403, A, H, R, DU				
TX6550	5/25/2006	Email from Nick Millington to Sonos-CheckIn re checkin: HHCR: new OnRunAlarm event and related infrastructure	SONOS-SVG2-00026866	403, A, H, R, DU				
TX6551	6/14/2006	Email from Nick Millington to Andrew Schultert RE: checkin: ZP: initial work on conflicting alarm policy	SONOS-SVG2-00026867	403, A, H, R, DU				
TX6552	8/7/2006	Email from Arthur Rudolph to Nick Millington, et al. RE: ELVIS Beta 3 Summary 8/4/06 as of 6:00 PM PST	SONOS-SVG2-00026868	403, A, H, R, DU				
TX6553	2/1/2006	Email from Rob Lambourne to Andrew Schultert re Elvis work items	SONOS-SVG2-00026882	403, A, H, R, DU				
TX6554	4/21/2006	Email from Rob Lambourne to Joni Hoadley, et al. re Elvis Schedule meeting - Rob's notes	SONOS-SVG2-00026883	403, A, H, R, DU				
TX6555	2/8/2006	Email from Tad Coburn to Rob Lambourne, et al. RE: feedback on Alarm Clock spec	SONOS-SVG2-00026884	403, A, H, R, DU				
TX6556	5/15/2006	Email from Steve Holmgren to Rob Lambourne, et al. re Clock- zones HHCR review	SONOS-SVG2-00026887	403, A, H, R, DU				
TX6557	2/27/2006	Email from Rob Lambourne to Matt Meyer, et al. RE: checkin: implement sleep timer	SONOS-SVG2-00026892	403, A, H, R, DU				
TX6558	3/2/2006	Email from Rob Lambourne to Arthur Rudolph, et al. RE: Alarm Update	SONOS-SVG2-00026894	403, A, H, R, DU				
TX6559	2/15/2006	Controller Alarm Clock Settings	SONOS-SVG2-00026896	403, A, H, R, DU				
TX6560	3/1/2006	Email from Rob Lambourne to Andrew Schultert RE: zone scenarios	SONOS-SVG2-00026897	403, A, H, R, DU				
TX6561		Alarm Zone groupings: Exploratory scenarios (February 2006)	SONOS-SVG2-00026898	403, A, H, R, DU				
TX6562	3/6/2006	Email from Rob Lambourne to Andrew Schultert RE: flexible alarm groups - the corner cases.	SONOS-SVG2-00026902	403, A, H, R, DU				
TX6563	3/7/2006	Email from Rob Lambourne to Nick Millington, et al. re Alarm clock UI update	SONOS-SVG2-00026906	403, A, H, R, DU				
TX6564	2/9/2006	Email from Rob Lambourne to Joni Hoadley, et al. RE: Clock feature	SONOS-SVG2-00026907	403, A, H, R, DU				

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TX6565	2/9/2006	Email from Rob Lambourne to Andrew Schult RE: Alarm clock puzzler	SONOS-SVG2-00026909	403, A, H, R, DU				
TX6566	5/3/2006	Email from Rob Lambourne to Andrew Schult FW: alpha clock feedback continued...	SONOS-SVG2-00026911	403, A, H, R, DU				
TX6567	5/8/2006	Email from Rob Lambourne to Miek Kusano, et al. re Alarm Clock Alpha feedback	SONOS-SVG2-00026912	403, A, H, R, DU				
TX6568	5/11/2006	Email from Rob Lambourne to Andrew Schult re Thoughts about the alarm switch-zones popup	SONOS-SVG2-00026913	403, A, H, R, DU				
TX6569		Alarm Overview - Navigate to Guest Room	SONOS-SVG2-00026914	403, A, H, R, DU				
TX6570	5/15/2006	Email from Rob Lambourne to Steve Holmgren, et al. RE: Clock- zones: HHCR Internal Considerations	SONOS-SVG2-00026915	403, A, H, R, DU				
TX6571	7/6/2006	Email from Rob Lambourne to Andrew Schult RE: small feature requests	SONOS-SVG2-00026916	403, A, H, R, DU				
TX6572	8/11/2006	Email from Rob Lambourne to Sonos-Software re Action based on Elvis feedback so far	SONOS-SVG2-00026917	403, A, H, R, DU				
TX6573	8/11/2006	Sonos Elvis Beta feedback.	SONOS-SVG2-00026918	403, A, H, R, DU				
TX6574	3/6/2006	Email from Nick Millington to Rob Lambourne, et al. RE: Alarm Zone groups	SONOS-SVG2-00026921	403, A, H, R, DU				
TX6575	3/6/2006	Email from Nick Millington to Rob Lambourne, et al. RE: Alarm Zone groups	SONOS-SVG2-00026922	403, A, H, R, DU				
TX6576	6/12/2006	Email from Nick Millington to Rob Lambourne, et al. RE: conflicting alarms	SONOS-SVG2-00026923	403, A, H, R, DU				
TX6577	3/14/2006	Email from Graham Farrar to Joni Hoadley, et al. RE: Alarm clock UI update	SONOS-SVG2-00026924	403, A, H, R, DU				
TX6578	7/18/2006	Sonos, Inc. Build Release Notes for Elvis (Beta Release for US & Europe) by Matt Meyer	SONOS-SVG2-00026928	403, A, H, R				
TX6579	7/25/2006	Sonos, Inc. Build Release Notes for Elvis (Beta Release for US & Europe) by Matt Meyer	SONOS-SVG2-00026931	403, A, H, R				
TX6580	8/25/2006	Sonos, Inc. Build Release Notes for Elvis (Beta Release for US & Europe) by Matt Meyer	SONOS-SVG2-00026935	403, A, H, R				
TX6581	9/11/2006	Sonos, Inc. Build Release Notes for Elvis (Beta Release for US & Europe) by Matt Meyer	SONOS-SVG2-00026938	403, A, H, R				
TX6582	8/3/2006	Sonos, Inc. Build Release Notes for Elvis (Beta Release for US & Europe) by Matt Meyer	SONOS-SVG2-00026939	403, A, H, R				
TX6583	9/11/2006	Sonos, Inc. Build Release Notes for Elvis (Beta Release for US & Europe) by Matt Meyer	SONOS-SVG2-00026942	403, A, H, R				
TX6584	9/14/2006	Sonos, Inc. Build Release Notes for Elvis (Gold Code, General Availability Release for US & Europe) by Matt Meyer	SONOS-SVG2-00026945	403, A, H, R				
TX6585	9/6/2006	Sonos, Inc. Build Release Notes for Elvis (Beta Release for US & Europe) by Matt Meyer	SONOS-SVG2-00026949	403, A, H, R				
TX6586	8/15/2006	Sonos, Inc. Build Release Notes for Elvis (Beta Release for US & Europe) by Matt Meyer	SONOS-SVG2-00026952	403, A, H, R				
TX6587		WITHDRAWN						
TX6588		WITHDRAWN						
TX6589		WITHDRAWN						
TX6590		WITHDRAWN						
TX6591		WITHDRAWN						
TX6592		WITHDRAWN						
TX6593	7/13/2011	Presentation: Spotify Experience Design	SONOS-SVG2-00027068	403, R, A				
TX6594	6/28/2011	Presentation: User Experience Design	SONOS-SVG2-00027078	403, R, A				
TX6595		WITHDRAWN						
TX6596		WITHDRAWN						
TX6597		WITHDRAWN						
TX6598		WITHDRAWN						
TX6599		WITHDRAWN						
TX6600		WITHDRAWN						
TX6601		WITHDRAWN						
TX6602		WITHDRAWN						
TX6603		WITHDRAWN						

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TX6604		WITHDRAWN						
TX6605		WITHDRAWN						
TX6606		WITHDRAWN						
TX6607		WITHDRAWN						
TX6608		WITHDRAWN						
TX6609	11/25/2003	Products in our space with a focus on Graphic Design, Rob Lambourne, Rincon Networks, Exhibit 10 - Depo Ex. Lambourne 1080, Exhibit 10	SONOS-SVG2-00032289	403, R, H	403; H; R; PK			
TX6610		Sonos Owner Survey - US, Exhibit 20	SONOS-SVG2-00033695	403, R, H	403; H; R; PK			
TX6611	9/12/2006	U.S. Provisional App. No. 60/825,407 (Specification and Drawings)	SONOS-SVG2-00033730		H; PK; R			
TX6612	12/10/2015	Webpage: Google Chrome Blog: Even more to love about Chromecast Audio ( <a href="https://chrome.googleblog.com/2015/12/even-more-to-love-about-chromecast-audio.html">https://chrome.googleblog.com/2015/12/even-more-to-love-about-chromecast-audio.html</a> )	SONOS-SVG2-00040246	403, A, R				
TX6613	2/22/2019	Letter from Mark Triplett to Google Inc. re Feedback on Google's Model	SONOS-SVG2-00041568	403, 408, A, R	403; H; PK; R			
TX6614	11/12/2018	Presentation: Sonos Licensing Discussion	SONOS-SVG2-00041571	403, 408, A, R	403; H; PK; R			
TX6615		Presentation: Sonos Overview of Selected Sonos Patent Assets Relevant to Google (October 2016)	SONOS-SVG2-00041610	403, 408, A, R	403; H; PK; R; 408			
TX6616	10/25/2016	Presentation: Google - Sonos Licensing Discussion	SONOS-SVG2-00041643	403, 408, A, R	403; H; PK; R			
TX6617	1/31/2018	Presentation: Sonos and Google with Google Home Max analysis	SONOS-SVG2-00041687	403, 408, A, R				
TX6618	10/25/2016	Presentation: Sonos & Google IP, FRE 408 (October 2016)	SONOS-SVG2-00041769	403, 408, A, R	403; H; PK; R			
TX6619	7/12/2018	Sonos IP License Model	SONOS-SVG2-00041807	403, 408, A, R	403; H; PK; R			
TX6620		Presentation: Sonos Patent Portfolio Overview Google	SONOS-SVG2-00041861	403, 408, A, R				
TX6621		WITHDRAWN						
TX6622		WITHDRAWN						
TX6623	1/3/2018	Webpage: NY Post, Amazon and Google are losing money in a speaker price war ( <a href="https://nypost.com/2018/01/03/amazon-and-google-are-losing-money-in-a-speaker-price-war/">https://nypost.com/2018/01/03/amazon-and-google-are-losing-money-in-a-speaker-price-war/</a> ) (Exhibit 38, 6:20-cv-00881-ADA Dkt 51-38 filed 2/23/2021)	SONOS-SVG2-00042333	403, A, MIL, R				
TX6624	4/10/2019	Webpage: eNews Without Borders, The Fight for Smart Speaker Market Share   Amazon vs Google ( <a href="https://enewswithoutborders.com/2019/04/11/the-fight-for-smart-speaker-market-share-amazon-vs-google/">https://enewswithoutborders.com/2019/04/11/the-fight-for-smart-speaker-market-share-amazon-vs-google/</a> ) (Exhibit 39, 6:20-cv-00881-ADA Dkt 51-39 filed 2/23/2021)	SONOS-SVG2-00042337	403, A, MIL, R				
TX6625		The Smart Audio Report. NPR and Edison Research (2017) (Ex. 40, WDTX-0881)	SONOS-SVG2-00042345	403, A, MIL, R	403; A; H; R			
TX6626	10/4/2017	Webpage: Google: The Keyword, Welcoming Mini and Max to the Google Home family (Rishi Chandra, VP, Product Management, Google Home) ( <a href="https://www.blog.google/products/home/welcoming-mini-and-max-google-home-family/">https://www.blog.google/products/home/welcoming-mini-and-max-google-home-family/</a> ) (Exhibit 41, 6:20-cv-00881-ADA Dkt 51-41 filed 2/23/2021)	SONOS-SVG2-00042384	403, R				
TX6627	10/14/2013	Webpage: NBC News, Tiny \$199 Sonos Play:1 speaker fills a room with wireless tunes (Wilson Rothman) ( <a href="https://www.nbcnews.com/technology/tiny-199-sonos-play-1-speaker-fills-room-wireless-tunes-8C11387714">https://www.nbcnews.com/technology/tiny-199-sonos-play-1-speaker-fills-room-wireless-tunes-8C11387714</a> ) (Exhibit 7)	SONOS-SVG2-00042632	403, A, R				
TX6628	3/12/2014	Webpage: Consumer Reports News, Wireless speaker shootout: Sonos Play:1 vs. the Bose SoundTouch 20 and Samsung Shape M7 ( <a href="https://www.consumerreports.org/cro/news/2014/03/wireless-speaker-...s-play-1-vs-the-bose-soundtouch-20-and-samsung-shape-m7/index.htm">https://www.consumerreports.org/cro/news/2014/03/wireless-speaker-...s-play-1-vs-the-bose-soundtouch-20-and-samsung-shape-m7/index.htm</a> ) (Exhibit 8)	SONOS-SVG2-00042637	403, A, R				
TX6629	11/9/2015	Webpage: Men's Journal, Gear, Brilliant Bluetooth Speakers ( <a href="https://www.mensjournal.com/gear/brilliant/bluetooth-speakers-20151109/sonos-play-1/">https://www.mensjournal.com/gear/brilliant/bluetooth-speakers-20151109/sonos-play-1/</a> ) (Exhibit 9)	SONOS-SVG2-00042644	403, A, R				
TX6630	N/A	Webpage: Sonos Support, Group and ungroup rooms (moz-extension://63db42c3-2c72-5a4c-8bc0-e9699841c296/fsCaptured.html)	SONOS-SVG2-00042699	403, R				
TX6631	12/7/2020	Confidential Patent License Agreement between Pass & Seymour, Inc. and Sonos, Inc. - Depo Ex. Kwasizur 4	SONOS-SVG2-00042905	403, R, H	403; H; R; PK			
TX6632	7/28/2020	Confidential Patent License Agreement between Lenbrook Industries Limited and Sonos, Inc. - Depo Ex. Kwasizur 6	SONOS-SVG2-00042923	403, R, H	403; H; R; PK			



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TX6633	2/4/2020	Project - Saved Groups	SONOS-SVG2-00042947	403, R, H				
TX6634		WITHDRAWN						
TX6635	10/13/2016	Email from Mark Triplett to John LaBarre, et al. RE: Sonos Meeting Follow Up - Depo Ex. Kwasizur 8	SONOS-SVG2-00043164	403, R, H, 408	403; H; R; PK			
TX6636		Presentation: Sonos Overview of Selected Sonos Patent Assets Relevant to Google (October 2016) - Depo Ex. Kwasizur 9	SONOS-SVG2-00043167	403, R, H, 408	403; H; R; PK			
TX6637	9/2/2016	Email from Mark Triplett to John LaBarre, et al. re Sonos Meeting Follow Up	SONOS-SVG2-00043200	403, R, H, 408				
TX6638	9/2/2016	Issued Patents Relevant to Google Today (end of August 2016)	SONOS-SVG2-00043201	403, R, H, 408				
TX6639	1/18/2018	Email from Willy Chen to Matthew Gubiotti re Patent Discussion	SONOS-SVG2-00043203	403, R, H, 408				
TX6640	1/31/2018	Presentation: Sonos and Google with Google Home Mas analysis	SONOS-SVG2-00043205	403, R, H, 408				
TX6641	1/6/2020	Email from Alaina Kwasizur to Tim Kowalski, et al. re Notice	SONOS-SVG2-00043287	403, 408, R, H, MIL				
TX6642		Draft Complaint for Patent Infringement, Sonos, Inc. v Google LLC	SONOS-SVG2-00043288	403, 408, R, H, MIL				
TX6643		Ex. 16 – Infringement Chart For U.S. Patent No. 9,195,258	SONOS-SVG2-00043384	403, 408, R, H, MIL				
TX6644		Ex. 17 – Infringement Chart For U.S. Patent No. 10,209,953	SONOS-SVG2-00043388	403, 408, R, H, MIL				
TX6645		Ex. 18 – Infringement Chart For U.S. Patent No. 8,588,949	SONOS-SVG2-00043392	403, 408, R, H, MIL				
TX6646		Ex. 19 – Infringement Chart For U.S. Patent No. 9,219,959	SONOS-SVG2-00043412	403, 408, R, H, MIL				
TX6647		Ex. 20 – Infringement Chart For U.S. Patent No. 10,439,896	SONOS-SVG2-00043420	403, 408, R, H, MIL				
TX6648		Draft Complainant's Statement on the Public Interest (ITC)	SONOS-SVG2-00043435	403, 408, R, H, MIL				
TX6649	2/19/2019	U.S. Patent No. 10,209,953 (Millington)	SONOS-SVG2-00043497	403, 408, R, H, MIL				
TX6650	10/8/2019	U.S. Patent No. 10,439,896	SONOS-SVG2-00043542	403, 408, R, H, MIL				
TX6651	11/19/2013	U.S. Patent No. 8,588,949 (Lambourne)	SONOS-SVG2-00043578	403, 408, R, H, MIL				
TX6652	11/24/2015	U.S. Patent No. 9,195,258	SONOS-SVG2-00043605	403, 408, R, H, MIL				
TX6653	12/22/2015	U.S. Patent No. 9,219,959	SONOS-SVG2-00043639	403, 408, R, H, MIL				
TX6654	2/22/2019	Email from Mark Triplett to Matthew Gubiotti, et al. RE: Sonos Google Meeting	SONOS-SVG2-00043681	403, 408, R, H				
TX6655	2/22/2019	Letter from Mark Triplett to Google Inc. re Feedback on Google's Model	SONOS-SVG2-00043685	403, 408, R, H				
TX6656	7/12/2018	Email from Mark Triplett to John LaBarre, et al. re Attached Sonos IP License Model	SONOS-SVG2-00043688	403, 408, R, H				
TX6657	7/12/2018	Presentation: IP License Model by Sonos	SONOS-SVG2-00043689	403, 408, R, H				
TX6658	6/13/2019	Email from Alaina Kwasizur to Tim Kowalski, et al. re Follow up from our meeting - Depo Ex. Kwasizur 10	SONOS-SVG2-00043743	403, 408, R, H	403; H; R; PK			
TX6659	6/11/2019	Sonos and Google Term Sheet (Draft) - Depo Ex. Kwasizur 12	SONOS-SVG2-00043744	403, 408, R, H	403; H; R; PK			
TX6660	6/11/2019	Presentation: Sonos-Google IP License Discussion June 11, 2019 - Depo Ex. Kwasizur 11	SONOS-SVG2-00043746	403, 408, R, H	403; H; R; PK; MSJ			
TX6661		Google-Sonos Business Collaboration Proposal - Depo Ex. Kwasizur 13	SONOS-SVG2-00043767	403, 408, R, H	403; H; R; PK; MSJ			
TX6662	10/26/2016	Email from Chris Butts to John LaBarre, et al. re Presentation	SONOS-SVG2-00043768	403, 408, R, H				
TX6663		Presentation: Sonos & Google IP by Sonos (October 2016)	SONOS-SVG2-00043769	403, 408, R, H				
TX6664	8/31/2016	Email from Mark Triplett to John LaBarre re Patent Portfolio Overview Google.pptx	SONOS-SVG2-00043807	403, 408, R, H				
TX6665		Sonos Patent Portfolio Overview Google	SONOS-SVG2-00043808	403, R, A, DU, H				
TX6666		Yamaha - DME Designer Version 3.5 Owner's Manual	SONOS-SVG2-00044314					
TX6667	7/9/2013	U.S. Patent No. 8,483,853 (Lambourne)	SONOS-SVG2-00045024	403, R				
TX6668	9/23/2014	U.S. Patent No. 8,843,228 (Lambourne)	SONOS-SVG2-00045042	403, R				
TX6669	5/17/2016	U.S. Patent No. 9,344,206 (Lambourne)	SONOS-SVG2-00045061	403, R				
TX6670	11/24/2020	U.S. Patent No. 10,848,885 (Lambourne) - Depo Ex. Almeroth 03; Lambourne 1071; Millington 1087; Kennedy 1229; Butts 1249	SONOS-SVG2-00046555		H; R; PK			
TX6671		WITHDRAWN						
TX6672		WITHDRAWN						
TX6673		Presentation: Annual Brand Tempo Report, August 2019 Executive Summary by GTM Insights & Analytics for Sonos (October 2019)	SONOS-SVG2-00053537	403, R, H	403; H; R; PK			
TX6674		Presentation: Sonos Bi-Annual Half Note Tracker (August 2021)	SONOS-SVG2-00053679	403, R, H	403; H; R; PK			
TX6675		Legrand calculated royalty table for North America Q4 (October 2020 to December 2020)	SONOS-SVG2-00054769	403, R, H, A, INC				
TX6676	1/14/2021	Sonos, Inc. Intellectual Property Licensing Report to Licensee Pass & Seymour, Inc., Exhibit A, Royalty Report (10/1/2020 - 12/31/2020)	SONOS-SVG2-00054770	403, R, H	403; H; R; PK			



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TX6677		Legrand calculated royalty table for Rest of World Q4 (October 2020 to December 2020)	SONOS-SVG2-00054771	403, R, H				
TX6678	7/14/2021	Sonos, Inc. Intellectual Property Licensing Report to Licensee Pass & Seymour, Inc., Exhibit A, Royalty Report (4/1/2021 - 6/30/2021)	SONOS-SVG2-00054772	403, R, H				
TX6679		Legrand calculated royalty table for North America Q2 (April 2021 to June 2021)	SONOS-SVG2-00054773	403, R, H, A, INC				
TX6680		Legrand calculated royalty table for Rest of World Q2 (April 2021 to June 2021)	SONOS-SVG2-00054774	403, R, H, A, INC				
TX6681		Legrand calculated royalty table for Rest of World Q1 (January 2021 to March 2021)	SONOS-SVG2-00054775	403, R, H, A, INC				
TX6682	4/15/2021	Sonos, Inc. Intellectual Property Licensing Report to Licensee Pass & Seymour, Inc., Exhibit A, Royalty Report (1/1/2021 - 3/31/2021)	SONOS-SVG2-00054776	403, R, H	403; H; R; PK			
TX6683		Spreadsheet: Legrand Royalty Summary FY21.xlsx [NATIVE]	SONOS-SVG2-00054779	403, R, H, A, INC	403; H; R; PK			
TX6684		Legrand calculated royalty table for North America Q1 (January 2021 to March 2021)	SONOS-SVG2-00054780	403, R, H, A, INC				
TX6685	10/15/2021	Letter from Sean E. Jackson to Sonos re Patent License Agreement between Pass & Seymour, Inc. and Sonos, Inc.. - Depo Ex. Kwasizur 5	SONOS-SVG2-00054781	403, R, H	403; H; R; PK			
TX6686	7/30/2021	Sonos, Inc. Intellectual Property Licensing Report to Licensee Pass & Seymour, Inc., Exhibit A, Royalty Report (4/1/2021 - 6/30/2021) (updated)	SONOS-SVG2-00054782	403, R, H	403; H; R; PK			
TX6687	12/8/2020	Sonos, Inc. Intellectual Property Licensing Report to Licensee Pass & Seymour, Inc., Exhibit A, Royalty Report (1/1/2019 - 9/30/2020)	SONOS-SVG2-00054785	403, R, H	403; H; R; PK			
TX6688		Table summarizing royalty due (Units - MGS Sonos Q3 2021)	SONOS-SVG2-00054789	403, R, H				
TX6689	10/25/2021	Sonos, Inc. Intellectual Property Licensing Report to Licensee Pass & Seymour, Inc., Exhibit A, Royalty Report (7/1/2021 - 9/30/21) (corrected)	SONOS-SVG2-00054793	403, R, H	403; H; R; PK			
TX6690	1/26/2021	Lenbrook Industries Limited Remittance Advice and Sonos, Inc. Intellectual Property Licensing Report (10/1/2020 - 12/31/2020)	SONOS-SVG2-00054797	403, R, H	403; H; R; PK			
TX6691		Spreadsheet: Lenbrook Royalty Summary FY21.xlsx [NATIVE]	SONOS-SVG2-00054799	403, R, H	403; H; R; PK			
TX6692	7/22/2021	Lenbrook Industries Limited Remittance Advice and Sonos, Inc. Intellectual Property Licensing Report (4/1/2021 - 6/30/2021)	SONOS-SVG2-00054800	403, R, H	403; H; R; PK			
TX6693	10/26/2020	Lenbrook Industries Limited Remittance Advice and Sonos, Inc. Intellectual Property Licensing Report (7/1/2020 - 9/30/2020)	SONOS-SVG2-00054803	403, R, H	403; H; R; PK			
TX6694	10/21/2021	Lenbrook Industries Limited Remittance Advice and Sonos, Inc. Intellectual Property Licensing Report (7/1/2021 - 9/30/2021)	SONOS-SVG2-00054805	403, R, H				
TX6695	7/30/2020	Sonos, Inc. Intellectual Property Licensing Report to Licensee Lenbrook Industries Limited (4/1/2020 - 6/30/2020)	SONOS-SVG2-00054808	403, R, H	403; H; R; PK			
TX6696	4/23/2021	Lenbrook Industries Limited Remittance Advice and Sonos, Inc. Intellectual Property Licensing Report (1/1/2021 - 3/31/2021)	SONOS-SVG2-00054812	403, R, H	403; H; R; PK			
TX6697	11/10/2021	Google Nest, How to create a Speaker Group	SONOS-SVG2-00055112	R				
TX6698		Video: How to create a Speaker Group.mp4 [NATIVE]	SONOS-SVG2-00055113	R				
TX6699	N/A	Webpage: Wikipedia, Chromecast (captured 1/18/2022) ( <a href="https://en.wikipedia.org/wiki/Chromecast">https://en.wikipedia.org/wiki/Chromecast</a> )	SONOS-SVG2-00055114	R, A, H, PK				
TX6700	12/20/2018	RBC Capital Markets Equity Research for Alphabet Inc.	SONOS-SVG2-00055463	R				
TX6701	12/22/2017	Webpage: Android Central, Google Home Max vs. Sonos (Phil Nickinson) ( <a href="https://www.androidcentral.com/google-home-max-sonos">https://www.androidcentral.com/google-home-max-sonos</a> )	SONOS-SVG2-00055628	R, A, H				
TX6702	10/4/2017	Webpage: Tech Hive, The Google Home Max takes aim at Sonos speakers with big sound and dynamic AI smarts (Brad Chacos) ( <a href="https://www.techhive.com/article/3230453/google-home-max-smart-sound.html">https://www.techhive.com/article/3230453/google-home-max-smart-sound.html</a> )	SONOS-SVG2-00055637	R, A, H				
TX6703		Spreadsheet: WMRS_all multiroom 2020.xlsx [NATIVE]	SONOS-SVG2-00055658	R				
TX6704		Spreadsheet: WMRS_all multiroom 2021.xlsx [NATIVE]	SONOS-SVG2-00055659	R				
TX6705	N/A	Webpage: Google Assistant Help, Group your Google Assistant devices ( <a href="https://support.google.com/assistant/answer/9210727?hl=en#zippy=%2Cuse-a-preset-speaker-group%2Cmove-audio-to-a-different-device">https://support.google.com/assistant/answer/9210727?hl=en#zippy=%2Cuse-a-preset-speaker-group%2Cmove-audio-to-a-different-device</a> )	SONOS-SVG2-00055660	R				

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TX6706	N/A	Webpage: Google Nest Help, Use multi-room control on your speaker or display ( <a href="https://support.google.com/googlenest/answer/10012636?hl=en#zippy...m-the-google-home-app%2Cfrom-your-nest-display%2Cusing-your-voice">https://support.google.com/googlenest/answer/10012636?hl=en#zippy...m-the-google-home-app%2Cfrom-your-nest-display%2Cusing-your-voice</a> )	SONOS-SVG2-00055666	R				
TX6707	1/1/2022	Webpage: Operating and Net Margins by Sector (US) as of January 2022 ( <a href="https://pages.stern.nyu.edu/~adamodar/New_Home_Page/datafile/margin.html">https://pages.stern.nyu.edu/~adamodar/New_Home_Page/datafile/margin.html</a> )	SONOS-SVG2-00055679	R, A, H				
TX6708	10/1/2018	Webpage: Boston Consulting Group, Mapping the Smart-Home Market (Sonny Ali and Zia Yusuf)	SONOS-SVG2-00056368	R	403; H; R; PK			
TX6709	1/25/2022	Webpage: Alphabet Inc (GOOG) Gross Profit Margin (Quarterly) for Sept. 30, 2021 ( <a href="https://ycharts.com/companies/GOOG/gross_profit_margin">https://ycharts.com/companies/GOOG/gross_profit_margin</a> )	SONOS-SVG2-00056403	R, A, 403				
TX6710	1/23/2016	Webpage: The Columbus Dispatch - Google Paid Apple \$1 billion to keep search bar on iPhone ( <a href="https://www.dispatch.com/story/business/information-technology/2016/01/23/google-paid-apple-1-billion/23564046007/">https://www.dispatch.com/story/business/information-technology/2016/01/23/google-paid-apple-1-billion/23564046007/</a> )	SONOS-SVG2-00056406	R	403; H; R; PK			
TX6711	5/11/2017	Webpage: Antonin Scalia Law School, Explaining Efficient Infringement (Adam Mossoff) ( <a href="https://cip2.gmu.edu/2017/05/11/explaining-efficient-infringement/">https://cip2.gmu.edu/2017/05/11/explaining-efficient-infringement/</a> )	SONOS-SVG2-00056408	R, A, H, N, 403				
TX6712	3/20/2018	Webpage: Fast Company, How Smart Home Lock-In Imprisons You, And Why That Might Change (Jared Newman) ( <a href="https://fastcompany.com/40545455/don't-let-your-smart-home-lock-you-in">https://fastcompany.com/40545455/don't-let-your-smart-home-lock-you-in</a> )	SONOS-SVG2-00056412	R, A, H				
TX6713	9/18/2019	Webpage: IP Watchdog, The Great Escape: Efficient Infringers Increasingly Seek to Abuse Antitrust Law (Gene Quinn) ( <a href="https://www.ipwatchdog.com/2019/09/18/great-escape-efficient-infringers-increasingly-seek-abuse-antitrust-law/id=113527/">https://www.ipwatchdog.com/2019/09/18/great-escape-efficient-infringers-increasingly-seek-abuse-antitrust-law/id=113527/</a> )	SONOS-SVG2-00056429	R, A, H, N, 403				
TX6714	12/11/2019	Webpage: WBUR Project Citrus, There Sure Are A Lot Of Ways To Get A Free Smart Speaker These Days (Jack Mitchell) ( <a href="https://www.wbur.org.citrus/2019/12/11/free-smart-speakers-google-amazon">https://www.wbur.org.citrus/2019/12/11/free-smart-speakers-google-amazon</a> )	SONOS-SVG2-00056439	R, A, H				
TX6715	9/18/2020	Webpage: Confluence - Product Development - Software, Groups (Areas) Design Doc [under construction] (Mike Nuzzolo) ( <a href="https://confluence.sonos.com/pages/viewpage.action?pageId=114677565">https://confluence.sonos.com/pages/viewpage.action?pageId=114677565</a> )	SONOS-SVG2-00059286	R, H				
TX6716	2/5/2019	Webpage: Confluence - Sonos Software Documentation Library, Muse Protocol - areas namespace (work-in-progress, experimental) (Eric Clayton) ( <a href="https://confluence.sonos.com/pages/viewpage.action?pageId=98005681">https://confluence.sonos.com/pages/viewpage.action?pageId=98005681</a> )	SONOS-SVG2-00059291	R, A, H				
TX6717		Muse Areas and Groups integration	SONOS-SVG2-00059304	403, H, A, DU, BE				
TX6718	1/4/2019	Webpage: Confluence - Software Development, Saved Groups (aka Areas) Experiment (Oliver Young) ( <a href="https://confluence.sonos.com/display/SD/Saved+Groups+%28aka+%27Areas%27%29+Experiment">https://confluence.sonos.com/display/SD/Saved+Groups+%28aka+%27Areas%27%29+Experiment</a> )	SONOS-SVG2-00059307	403, H, A, DU, BE				
TX6719	8/16/2019	Webpage: Sonos Software Product Backlog, Delegate source Area ids ( <a href="https://jira.sonos.com/browse/SWPBL-126336">https://jira.sonos.com/browse/SWPBL-126336</a> )	SONOS-SVG2-00059310	403, H, A, R				
TX6720	1/19/2019	Webpage: Sonos Software Product Backlog, Implement area replication ( <a href="https://jira.sonos.com/browse/SWPBL-85688">https://jira.sonos.com/browse/SWPBL-85688</a> )	SONOS-SVG2-00059318	403, H, A, R				
TX6721	5/18/2018	Confidential Patent Covenant Agreement between DEI Sales, Inc. and Sonos, Inc. - Depo Ex. Kwasizur 7	SONOS-SVG2-00059384	403, R, H	403; R			
TX6722		WITHDRAWN						
TX6723		Sonos User Guide (June 2020)	SONOS-SVG2-00059468	403, H, A, R, DU				
TX6724	6/8/2020	Webpage: Release notes for Sonos software 12.0 (S2) and 11.2 (S1) ( <a href="https://support.sonos.com/s_article_3521_language=en_US">https://support.sonos.com/s_article_3521_language=en_US</a> )	SONOS-SVG2-00059595	403, H, A, R, DU				
TX6725	N/A	Webpage: SYMFONISK WiFi Speakers ( <a href="https://www.sonos.com/en-us/symfonisk-by-sonos-and-ikea">https://www.sonos.com/en-us/symfonisk-by-sonos-and-ikea</a> )	SONOS-SVG2-00059600	403, H, A, R, DU				

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TX6726	N/A	Webpage: IKEA SYMFONISK Table Lamp with WiFi speaker, black (https://www.ikea.com/us/en/p/symfonisk-table-lamp-with-wifi-speaker-black-00464617/)	SONOS-SVG2-00059604	403, H, A, R, DU				
TX6727	N/A	Webpage: IKEA SYMFONISK WiFi bookshelf speaker, white (https://www.ikea.com/us/en/p/symfonisk-wifi-bookshelf-speaker-white-80435211/)	SONOS-SVG2-00059609	403, H, A, R, DU				
TX6728	N/A	Webpage: IKEA SYMFONISK WiFi bookshelf speaker black (https://www.ikea.com/us/en/p/symfonisk-wifi-bookshelf-speaker-black-00357561/)	SONOS-SVG2-00059616	403, H, A, R, DU				
TX6729	N/A	Webpage: IKEA SYMFONISK Table lamp with WiFi speaker, white (https://www.ikea.com/us/en/p/symfonisk-table-lamp-with-wifi-speaker-white-80464618)	SONOS-SVG2-00059622	403, H, A, R, DU				
TX6730	8/28/2020	Changelog	SONOS-SVG2-00059627	403, H, A, R				
TX6731		Sonos User Guide (September 2019)	SONOS-SVG2-00059653	403, H, A, R, DU				
TX6732	10/20/2014	Sonos System Overview	SONOS-SVG2-00059765	403, H, A, R				
TX6733	10/28/2019	Webpage: Release notes for Sonos software 10.5 (https://www.sonos.com)	SONOS-SVG2-00059777	403, H, A, R				
TX6734		Muse Protocol - groups namespace	SONOS-SVG2-00059782	403, H, A, R				
TX6735		Spreadsheet: Arena BOM Export XLS.xlsx [NATIVE]	SONOS-SVG2-00059795	403, H, A, R				
TX6736		IKEA SYMFONISK Manual	SONOS-SVG2-00059796	403, H, A, R				
TX6737		Sonos User Guide (November 2021)	SONOS-SVG2-00059832	403, H, A, R				
TX6738		WITHDRAWN						
TX6739	N/A	Webpage: Cambridge English Dictionary, theme definition (https://dictionary.cambridge.org/us/dictionary/english/theme)	SONOS-SVG2-00060164	R				
TX6740		WITHDRAWN						
TX6741	N/A	Webpage: Google Play - YouTube Music - Apps on Google Play (https://play.google.com/store/apps/details?id=com.google.android.apps.youtube.music&hl=en_US&gl=US)	SONOS-SVG2-00060180	R				
TX6742		WITHDRAWN						
TX6743		WITHDRAWN						
TX6744	N/A	Webpage: Google Store - Compare Pixel Phones and Specs - Google Store (https://store.google.com/us/magazine/compare_pixel?hl=en-US&toggle0=Pixel+6+Pro&toggle1=Pixel+6&toggle2=Pixel+5a+with+5G)	SONOS-SVG2-00060192	R				
TX6745	N/A	Webpage: Google Store, Compare smart speakers and displays (https://store.google.com/us/magazine/compare_nest_speakers_displays?hl=en-US)	SONOS-SVG2-00060202	R				
TX6746	N/A	Webpage: Google Store, Nest Wifi Tech Specs (https://store.google.com/us/product/nest_wifi_specs?hl=en-US)	SONOS-SVG2-00060233	R				
TX6747		WITHDRAWN						
TX6748	N/A	Webpage: Google Chromecast Help, Chromecast specifications (https://support.google.com/chromecast/answer/3046409?hl=en#zippy=%2Cchromecast%2Cchromecast-ultra%2Cchromecast-with-google-tv)	SONOS-SVG2-00060242	R				
TX6749	N/A	Webpage: Google Nest Help, Google Nest and Home device specifications (https://support.google.com/googlenest/answer/7072284?hl=en#zippy=%2Cgoogle-home%2Cgoogle-nest-mini-nd-gen%2Cgoogle-home-mini-st-gen...)	SONOS-SVG2-00060265	R				
TX6750		WITHDRAWN						
TX6751		WITHDRAWN						
TX6752		WITHDRAWN						
TX6753		WITHDRAWN						
TX6754	N/A	Webpage: theme definition Merriam-Webster's Learner's Dictionary, (https://www.learnersdictionary.com/definitions/theme)	SONOS-SVG2-00060368	R				
TX6755	N/A	Webpage: theme definition The Free Dictionary (https://www.thefreedictionary.com/theme)	SONOS-SVG2-00060369	R				
TX6756	6/6/2017	U.S. Patent No. 9,674,587 (Triplet)	SONOS-SVG2-00060374	R				
TX6757	1/30/2018	U.S. Patent No. 9,883,254 (Triplet)	SONOS-SVG2-00060400	R				
TX6758	9/29/2016	U.S. Patent App. Pub. No. 2016/0286276 (Triplet)	SONOS-SVG2-00060425	R				

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TX6759		WITHDRAWN						
TX6760		WITHDRAWN						
TX6761	N/A	Webpage: Google Store - Bundles & Special Offers on Google Devices ( <a href="https://store.google.com_collection_offers_hl=en-US">https://store.google.com_collection_offers_hl=en-US</a> )	SONOS-SVG2-00062020	R				
TX6762		WITHDRAWN						
TX6763	N/A	Webpage: Google - Google Home Mini - Smart Speaker for Any Room - Google Store ( <a href="https://store.google.com_product_google_home_mini_first_gen_hl=en-US">https://store.google.com_product_google_home_mini_first_gen_hl=en-US</a> )	SONOS-SVG2-00062035	R				
TX6764	N/A	Webpage: Google - Google Nest Hub Max - Smart Home Display - Google Store ( <a href="https://store.google.com_product_google_nest_hub_max_hl=en-US">https://store.google.com_product_google_nest_hub_max_hl=en-US</a> )	SONOS-SVG2-00062039	R				
TX6765	N/A	Webpage: Google - Nest Hub (2nd Gen) - Google Store ( <a href="https://store.google.com_product_nest_hub_2nd_gen_hl=en-US">https://store.google.com_product_nest_hub_2nd_gen_hl=en-US</a> )	SONOS-SVG2-00062058	R				
TX6766	N/A	Webpage: Nest Smart Speakers & Home Audio Systems - Google Store ( <a href="https://store.google.com_category_nest_speakers_hl=en-US">https://store.google.com_category_nest_speakers_hl=en-US</a> )	SONOS-SVG2-00062066	R				
TX6767	12/25/2018	Webpage: VB The Machine, 10 things to try with your new Google Home smart speaker (Khari Johnson)	SONOS-SVG2-00062098	R	403; H; R; PK			
TX6768	8/3/2017	Webpage: CNET, 5 Google Home tips for people who love music (Matt Elliott)	SONOS-SVG2-00062107	R	403; H; R; PK			
TX6769	11/20/2018	Webpage: GamersNavy, Chromecast can now sync with multiple home devices (Athar Mahmood)	SONOS-SVG2-00062262	R	403; H; R; PK			
TX6770	11/19/2018	Webpage: Slash Gear, Chromecast Gets Google Home Speaker Group Syncing for Audio (Brittany Roston)	SONOS-SVG2-00062266	R	403; H; R; PK			
TX6771	11/19/2018	Webpage: The Verge, Chromecasts now support multi-room music playback (Dani Deahl)	SONOS-SVG2-00062276	R	403; H; R; PK			
TX6772	5/7/2020	Webpage: Executive Traveller, Sonos winds up the volume with Arc soundbar, Sub woofer, Five speaker (David Flynn)	SONOS-SVG2-00062279	R	403; H; R; PK			
TX6773	10/9/2018	Webpage: Google: The Keyword, Product Updates: Five reasons (and two colors) why we love the new Chromecast (Jess Bonner (Product Manager, Chromecast))	SONOS-SVG2-00062292	R	403; H; R; PK			
TX6774	11/3/2016	Webpage: Ars Technica, Google Home review: A step forward for hotwords, a step backward in capability (Ron Amadeo)	SONOS-SVG2-00062298	R	403; H; R; PK			
TX6775	2/1/2022	Webpage: Android Police, How to configure and use Google Home speaker groups (Jon Gilbert)	SONOS-SVG2-00062325	R	403; H; R; PK			
TX6776	2/12/2018	Webpage: MUO, How to Create Speaker Groups on Chromecast Audio (Dan Price)	SONOS-SVG2-00062331	R	403; H; R; PK			
TX6777	1/12/2017	Webpage: androidcentral, How to set up and use Chromcast Audio groups (Jerry Hildenbrand)	SONOS-SVG2-00062334	R	403; H; R; PK			
TX6778	12/22/2019	Webpage: MobileSyrup, How to set up Google Home's Multi-room audio feature (Brad Bennett)	SONOS-SVG2-00062338	R	403; H; R; PK			
TX6779	6/30/2020	Webpage: gearbrain, Sonos S2: How to update your sound system with new app (Alistair Charlton)	SONOS-SVG2-00062342	R	403; H; R; PK			
TX6780	6/8/2020	Webpage: CNN underscored, Migrating your Sonos system to the new S2 app can be messy. Here's what we know (Jacob Krol)	SONOS-SVG2-00062361	R	403; H; R; PK			
TX6781	11/20/2018	Webpage: Thurrott, Multi-Room Audio Comes to Chromecast Video, Google Home, and Smart Display Devices (Paul Thurrott)	SONOS-SVG2-00062365	R	403; H; R; PK			
TX6782	N/A	Webpage: Emotivv, Sonos	SONOS-SVG2-00062368	R	403; H; R; PK			
TX6783	5/6/2020	Webpage: Apple Insider, Sonos debuts Dolby Atmos Arc soundbar, updated Sub & Five, all with AirPlay 2 & HomeKit (Andrew O'Hara)	SONOS-SVG2-00062381	R	403; H; R; PK			
TX6784	3/17/2020	Webpage: engadget, Sonos is releasing a new OS and controller app for its speakers this June (N. Ingraham)	SONOS-SVG2-00062403	R	403; H; R; PK			
TX6785	N/A	Webpage: techradar, Sonos One review (Jon Porter)	SONOS-SVG2-00062407	R	403; H; R; PK			
TX6786	6/9/2020	Webpage: Audioholics, SONOS Revamped S2 Operating System Supports Dolby Atmos & More (Jacob Green)	SONOS-SVG2-00062429	R	403; H; R; PK			
TX6787	5/7/2020	Webpage: macobserver, Sonos S2 Arrives June 8th With Room Groups, Increased Audio Bandwidth, More (Dave Hamilton)	SONOS-SVG2-00062433	R	403; H; R; PK			
TX6788	3/17/2020	Webpage: TechHive, Sonos will release a brand-new operating system in June (Michael Brown)	SONOS-SVG2-00062443	R	403; H; R; PK			

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TX6789	6/8/2020	Webpage: MobileSyrup, The new Sonos S2 app is now available to download (Brad Bennett)	SONOS-SVG2-00062449	R	403; H; R; PK			
TX6790	1/14/2021	Webpage: Yahoo! News, What is Sonos S2? Here's what you need to know about the latest app and operating system for Sonos audio devices (Dave Johnson)	SONOS-SVG2-00062454	R, A, H	403; H; R; PK			
TX6791	6/13/2020	Webpage: Trusted Reviews, Which Sonos speakers are S2 compatible? (David Ludlow)	SONOS-SVG2-00062469	403, R, H, A	403; H; R; PK			
TX6792	11/20/2018	Webpage: tnw, Your Chromecast can now sync and stream audio along with Google Home speakers (Abhimanyu Ghoshal)	SONOS-SVG2-00062473	403, R, H, A	403; H; R; PK			
TX6793	10/26/2021	Alphabet Q3 2021 Earnings Call	SONOS-SVG2-00062689	403, R, H, A				
TX6794		WITHDRAWN						
TX6795		Update Nest products and apps - Google Nest Help	SONOS-SVG2-00062709	403, R, H, A				
TX6796		WITHDRAWN						
TX6797		WITHDRAWN						
TX6798		Presentation: Strategy Analytics, Smart Speaker User Survey: Questions for Sonos by David Mercer (October 2018)	SONOS-SVG2-00063422	403, R, H	A; H			
TX6799		Sonos' Competitive Landscape	SONOS-SVG2-00063586	403, R, A				
TX6800		Internal device photos of Chromecast Ultra A4RNC2-6A5-D	SONOS-SVG2-00063913	403, R, A, H, BE				
TX6801	10/8/2020	Chromecast with Google TV teardown (Google Photos - photos.google.com.pdf)	SONOS-SVG2-00064188	403, R, A, H, BE				
TX6802		Photo of Amlogic S905D processor	SONOS-SVG2-00064189	403, R, A, H, BE				
TX6803		Photo of Broadcom BCM43598 processor	SONOS-SVG2-00064190	403, R, A, H, BE				
TX6804	4/20/2020	Sporton Lab, Photographs of EUT, Report No. EP971035-01, Model GZRNL, Internal Photograph of EUT	SONOS-SVG2-00064572	403, R, A, H, BE				
TX6805		Photo of Amlogic S905D processor	SONOS-SVG2-00064581	403, R, A, H, BE				
TX6806		Photo of Broadcom BCM43598 processor	SONOS-SVG2-00064582	403, R, A, H, BE				
TX6807	11/7/2016	Webpage: iFixit, Google Home Teardown (Scott Harvard)	SONOS-SVG2-00064589	403, R, A, H				
TX6808		Internal device photos of FCC ID A4RH0ME	SONOS-SVG2-00064596	403, R, A, H, BE				
TX6809		Photo of Marvell processor	SONOS-SVG2-00064782	403, R, A, H, BE				
TX6810		Internal photos, EUT Description Interactive Video Streaming Device, Model H1A, FCC ID A4RH1A, IC 10395A-H1A, Applicant Google LLC	SONOS-SVG2-00065056	403, R, A, H, BE				
TX6811		Internal device photos of Home Max A4R-H0B	SONOS-SVG2-00066152	403, R, A, H, BE				
TX6812		Internal device photos of Model H0A, FCC ID A4RH0A, IC 10395A-H0A	SONOS-SVG2-00066165	403, R, A, H, BE				
TX6813	6/1/2020	Sporton Lab, Photographs of EUT, Report No. EP990608-02, Model GXCA6, Internal photograph of EUT	SONOS-SVG2-00066496	403, R, A, H, BE				
TX6814		Bureau Veritas, Construction Photos of EUT, Report No. 181217C36, Model H2A	SONOS-SVG2-00066761	403, R, A, H, BE				
TX6815		Bureau Veritas, Construction Photos of EUT, Report No. 191227C11, Model H2C	SONOS-SVG2-00067002	403, R, A, H, BE				
TX6816		WITHDRAWN						
TX6817	1/26/2022	Webpage: CNET, 5 Google Home settings you won't regret changing (Dale Smith) ( <a href="https://www.cnet.com/home/smart-home/5-google-home-settings-you-wont-regret-changing-now/">https://www.cnet.com/home/smart-home/5-google-home-settings-you-wont-regret-changing-now/</a> )	SONOS-SVG2-00067561	403, A, R				
TX6818	9/4/2021	Webpage: Google Nest Community, Google Speaker Groups not working ( <a href="https://www.google.com/nestcommunity/t5/forums/forumtopicprintpage/board-id/SpeakersDisplays/message-id/1775/print-single-message/false/page/1">https://www.google.com/nestcommunity/t5/forums/forumtopicprintpage/board-id/SpeakersDisplays/message-id/1775/print-single-message/false/page/1</a> )	SONOS-SVG2-00067567	403, R				
TX6819	N/A	Webpage: The Free Dictionary, theme definition ( <a href="https://www.thefreedictionary.com/theme">https://www.thefreedictionary.com/theme</a> )	SONOS-SVG2-00067584	403, R				
TX6820		WITHDRAWN						
TX6821		WITHDRAWN						
TX6822		WITHDRAWN						
TX6823		WITHDRAWN						
TX6824		WITHDRAWN						
TX6825	7/20/2015	Weekly Status Report, Google/Sonos Partnership Status Report	SONOS-SVG2-00079037	403, R				
TX6826		WITHDRAWN						

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TX6827		WITHDRAWN						
TX6828		WITHDRAWN						
TX6829	9/12/2006	U.S. Provisional App. No. 60/825,407 (Appendixes A and B)	SONOS-SVG2-00167534		INC			
TX6830		WITHDRAWN						
TX6831		WITHDRAWN						
TX6832		WITHDRAWN						
TX6833		WITHDRAWN						
TX6834	12/27/2017	Webpage: YouTube - Google Home, Google Mini & Google Home Max Group Speakers Feature! Play Music Multi Room Music ( <a href="https://www.youtube.com_watch">https://www.youtube.com_watch</a> )	SONOS-SVG2-00224533	403, A, H				
TX6835		Video: Google Home, Google Mini & Google Home Max Group Speakers Feature! Play Music Multi Room Music.mp4 [NATIVE]	SONOS-SVG2-00224535	403, A, H				
TX6836		WITHDRAWN						
TX6837		WITHDRAWN						
TX6838		WITHDRAWN						
TX6839		WITHDRAWN						
TX6840		WITHDRAWN						
TX6841		WITHDRAWN						
TX6842		WITHDRAWN						
TX6843		WITHDRAWN						
TX6844		WITHDRAWN						
TX6845		WITHDRAWN						
TX6846		WITHDRAWN						
TX6847		WITHDRAWN						
TX6848	N/A	Webpage: Google - Pixel phone hardware tech specs - Pixel Phone Help ( <a href="https://support.google.com/pixelphone/answer/7158570?hl=en&amp;zipy=%2Cpixel-a-g%2Cpixel-pro%2Cpixel%2Cpixel-a%2Cpixel-xl%2Cpixel-a-xl">https://support.google.com/pixelphone/answer/7158570?hl=en&amp;zipy=%2Cpixel-a-g%2Cpixel-pro%2Cpixel%2Cpixel-a%2Cpixel-xl%2Cpixel-a-xl</a> )	SONOS-SVG2-00224595	403, A, H, R				
TX6849		Sonos User Guide (March 2022)	SONOS-SVG2-00224646	403, A, H, R				
TX6850		WITHDRAWN						
TX6851		WITHDRAWN						
TX6852		WITHDRAWN						
TX6853		WITHDRAWN						
TX6854	N/A	Webpage: Sonos Patents ( <a href="http://www.sonos.com">www.sonos.com</a> )	SONOS-SVG2-00224833	403, A, H, R				
TX6855		WITHDRAWN						
TX6856	N/A	Webpage: Google Nest Help, Google Nest speakers and displays ( <a href="https://support.google.com/googlenest/answer/7029281?hl=en">https://support.google.com/googlenest/answer/7029281?hl=en</a> )	SONOS-SVG2-00224842	403, R				
TX6857	10/4/2021	Webpage: TechRadar, 10 years of Siri: the history of Apple's voice assistant (Jennifer Allen) ( <a href="https://www.techradar.com/news/siri-10-year-anniversary">https://www.techradar.com/news/siri-10-year-anniversary</a> )	SONOS-SVG2-00224851	403, A, H, R				
TX6858		WITHDRAWN						
TX6859		WITHDRAWN						
TX6860	N/A	Webpage: App Authority - Best Android Mirror Cast Apps ( <a href="https://appauthority.com/best-android-mirror-cast-apps-1922/">https://appauthority.com/best-android-mirror-cast-apps-1922/</a> )	SONOS-SVG2-00224876	403, A, H, R				
TX6861	8/3/2020	Webpage: The Verge, Google Announces Pixel 5, Pixel 4a 5G, and Pixel 4a All At Once (Dieter Bohn) ( <a href="https://www.theverge.com/2020/8/3/21352032/google-pixel-5-4a-5g-price-release-date-specs">https://www.theverge.com/2020/8/3/21352032/google-pixel-5-4a-5g-price-release-date-specs</a> )	SONOS-SVG2-00224884	403, A, H, R				
TX6862	10/4/2017	Webpage: The Verge, Google Hardware Is No Longer a Hobby (Dieter Bohn) ( <a href="https://www.theverge.com/2017/10/4/16405184/rick-osterloh-interview-new-google-hardware-vision-htc-deal">https://www.theverge.com/2017/10/4/16405184/rick-osterloh-interview-new-google-hardware-vision-htc-deal</a> )	SONOS-SVG2-00224890	403, A, H, R				
TX6863	11/14/2018	Webpage: The Verge, The Google Assistant smart home ecosystem is slowly starting to take shape (Dieter Bohn) ( <a href="https://www.theverge.com/2018/11/14/18093872/google-assistant-smart-home-broadcast-reply-routines">https://www.theverge.com/2018/11/14/18093872/google-assistant-smart-home-broadcast-reply-routines</a> )	SONOS-SVG2-00224898	403, A, H, R				
TX6864	N/A	Webpage: Sonos, Brilliant Sound ( <a href="https://www.sonos.com/en-us/brilliant-sound">https://www.sonos.com/en-us/brilliant-sound</a> )	SONOS-SVG2-00224902	403, H, R				

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TX6865	8/24/2021	Webpage: The Verge, A Guide to Platform Fees (Ian Carlos Campbell) ( <a href="https://www.theverge.com/21445923/platform-fees-apps-games-business-marketplace-apple-google">https://www.theverge.com/21445923/platform-fees-apps-games-business-marketplace-apple-google</a> )	SONOS-SVG2-00224909	403, A, H, R				
TX6866		WITHDRAWN						
TX6867	N/A	Webpage: Google - Google Play, Cast Web Videos to Smart TVs by Castify ( <a href="https://play.google.com/store/apps/details?id=castify.roku&amp;hl=en_US&amp;gl=US">https://play.google.com/store/apps/details?id=castify.roku&amp;hl=en_US&amp;gl=US</a> )	SONOS-SVG2-00224922	403, R				
TX6868	9/16/2018	Webpage: Pacific Standard, The Ultimate Patent Troll (Morgan Baskin) (originally published 8/23/2017, updated 9/16/2018) ( <a href="https://psmag.com/magazine/a-patent-boogieman-with-the-potential-to-obliterate-aspiring-startups">https://psmag.com/magazine/a-patent-boogieman-with-the-potential-to-obliterate-aspiring-startups</a> )	SONOS-SVG2-00224926	403, A, H, R				
TX6869	10/4/2017	Webpage: Time, Google Just Unveiled the Home Mini to Challenge Amazon's Echo Dot (Lisa Eadicicco) ( <a href="https://time.com/4968831/google-home-mini-release-date/">https://time.com/4968831/google-home-mini-release-date/</a> )	SONOS-SVG2-00224928	403, A, H, R				
TX6870		WITHDRAWN						
TX6871	11/11/2021	Webpage: Wayback Machine, IFTTT, Find the plan for you ( <a href="https://web.archive.org/web/20211111223804/https://ifttt.com/plans">https://web.archive.org/web/20211111223804/https://ifttt.com/plans</a> )	SONOS-SVG2-00224933	403, A, H, MIL, R				
TX6872	11/3/2020	Webpage: Wayback Machine, IFTTT, Find the right plan for Individuals ( <a href="https://web.archive.org/web/20201103212957/https://ifttt.com/plans">https://web.archive.org/web/20201103212957/https://ifttt.com/plans</a> )	SONOS-SVG2-00224938	403, A, H, MIL, R				
TX6873	N/A	Webpage: IFTTT, Find the plan for you ( <a href="https://ifttt.com/plans">https://ifttt.com/plans</a> )	SONOS-SVG2-00224945	403, A, H, MIL, R				
TX6874	10/4/2017	Webpage: Engadget, Sonos One is the company's first speaker with built-in voice control (Jon Fingas) ( <a href="https://www.engadget.com/2017-10-04-sonos-one.html">https://www.engadget.com/2017-10-04-sonos-one.html</a> )	SONOS-SVG2-00224953	403, A, H, R				
TX6875		Is this License Comparable? Issues Facing Damages Experts When Determining Reasonable Royalties, University of Texas CLE, Brian M. Fogarty, et al. (January 2013)	SONOS-SVG2-00224955	403, H				
TX6876	1/1/2022	Webpage: Fortune Business Insights, Smart Speaker Market Size, Share & COVID-19 Impact Analysis, By Type (Virtual Assistants, Wireless Speakers, and Others), By Application (Residential and Commercial), and Regional Forecast, 2021-2028 ( <a href="https://www.fortunebusinessinsights.com/smartspeaker-market-106297">https://www.fortunebusinessinsights.com/smartspeaker-market-106297</a> )	SONOS-SVG2-00224970	403, A, H				
TX6877	10/3/2021	Webpage: Seattle Times, Big Tech's not-so-secret plan to monopolize your home (Geoffrey A. Fowler) ( <a href="https://www.seattletimes.com/business/technology/big-techs-not-so-secret-plan-to-monopolize-your-home/">https://www.seattletimes.com/business/technology/big-techs-not-so-secret-plan-to-monopolize-your-home/</a> )	SONOS-SVG2-00224977	403, A, H, MIL, R				
TX6878	4/29/2016	Webpage: The Guardian, Sonos Play:5 review: one of the best wireless speakers money can buy (Samuel Gibbs) ( <a href="https://www.theguardian.com/technology/2016/apr/29/sonos-play5-review-wireless-wifi-speaker-multiroom-music">https://www.theguardian.com/technology/2016/apr/29/sonos-play5-review-wireless-wifi-speaker-multiroom-music</a> )	SONOS-SVG2-00224981	403, A, H, R				
TX6879	10/5/2021	Webpage: Android Authority, Google Pixel 6 release date officially revealed (C. Scott Brown) ( <a href="https://www.androidauthority.com/google-pixel-6-launch-date-confirmed-3035240/">https://www.androidauthority.com/google-pixel-6-launch-date-confirmed-3035240/</a> )	SONOS-SVG2-00224991	403, A, H, R				
TX6880	N/A	Webpage: Google Store for Google Made Devices & Accessories, Pixel 6a is joining the family ( <a href="https://store.google.com/?hl=en-US">https://store.google.com/?hl=en-US</a> )	SONOS-SVG2-00224995	403, R				
TX6881	5/18/2016	Webpage: TechCrunch, Google unveils Google Assistant, a virtual assistant that's a big upgrade to Google Now (Matthew Lynley) ( <a href="https://techcrunch.com/2016/05/18/google-unveils-google-assistant-a-big-upgrade-to-google-now/">https://techcrunch.com/2016/05/18/google-unveils-google-assistant-a-big-upgrade-to-google-now/</a> )	SONOS-SVG2-00225006	403, A, H, R				
TX6882	5/18/2021	Webpage: CNBC, How Google's \$150 billion advertising business works by (Megan Graham) ( <a href="https://www.cnbc.com/2021/05/18/how-does-google-make-money-advertising-business-breakdown-.html">https://www.cnbc.com/2021/05/18/how-does-google-make-money-advertising-business-breakdown-.html</a> )	SONOS-SVG2-00225017	403, A, H, MIL, R				
TX6883	5/18/2016	Webpage: CNET, Android N, Daydream VR, Google Home and more: Everything announced at Google I/O 2016 (Lori Grunin) ( <a href="https://www.cnet.com/tech/tech-industry/android-n-daydream-vr-google-home-and-more-everything-announced-at-google-io-2016/">https://www.cnet.com/tech/tech-industry/android-n-daydream-vr-google-home-and-more-everything-announced-at-google-io-2016/</a> )	SONOS-SVG2-00225030	403, A, H, R				



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TX6884	10/28/2020	Webpage: Online Tech Tips, IFTTT Pricing: Is Pro Worth The Cost? (Patrick Hearn) ( <a href="https://www.online-tech-tips.com/software-reviews/ifttt-pricing-is-pro-worth-the-cost/">https://www.online-tech-tips.com/software-reviews/ifttt-pricing-is-pro-worth-the-cost/</a> )	SONOS-SVG2-00225035	403, A, H, MIL, R				
TX6885	N/A	Webpage: Valorvortech, How Long Can A Smartphone Last? (With 6 Real Examples) (Roy Chng) <a href="https://valorvortech.com/how-long-can-a-smartphone-last/">https://valorvortech.com/how-long-can-a-smartphone-last/</a> )	SONOS-SVG2-00225047	403, A, H, R				
TX6886	9/17/2020	Webpage: AutomateLife, How much does IFTTT Cost? (Alan Varughese) ( <a href="https://automatelife.net/how-much-does-ifttt-cost/">https://automatelife.net/how-much-does-ifttt-cost/</a> )	SONOS-SVG2-00225076	403, A, H, MIL, R				
TX6887	N/A	Webpage: Sonos, How Sonos Works (2002) ( <a href="https://www.sonos.com/en-us/how-sonos-works">https://www.sonos.com/en-us/how-sonos-works</a> )	SONOS-SVG2-00225085	403, A, H, R				
TX6888	6/29/2020	Webpage: Mere Civilian, IFTTT – Trust, Ownership, Control and Business Model ( <a href="https://www.merecivilian.com/ifttt/#:~:text=IFTTT%20has%20stated%20that%20there%20are%20over%20200%2C000,expensive%20tiers%20and%20any%20revenue%20from%20IFTTT%20partners">https://www.merecivilian.com/ifttt/#:~:text=IFTTT%20has%20stated%20that%20there%20are%20over%20200%2C000,expensive%20tiers%20and%20any%20revenue%20from%20IFTTT%20partners</a> )	SONOS-SVG2-00225100	403, A, H, MIL, R				
TX6889		WITHDRAWN						
TX6890	N/A	Webpage: Intellectual Ventures, Invention Investment Fund has reshaped patent licensing (2002) ( <a href="https://www.intellectualventures.com/what-we-do/invention-investment-fund">https://www.intellectualventures.com/what-we-do/invention-investment-fund</a> )	SONOS-SVG2-00225117	403, R, H, A				
TX6891	8/17/2021	Webpage: The Verge, Google Pixel 5a comes with a bigger battery and screen, smaller price tag (Allison Johnson) ( <a href="https://www.theverge.com/2021/8/17/22627253/google-pixel-5a-specs-price-screen-battery-availability">https://www.theverge.com/2021/8/17/22627253/google-pixel-5a-specs-price-screen-battery-availability</a> )	SONOS-SVG2-00225122	403, R, H, A				
TX6892	1/5/2018	Webpage: Voicebot.ai, Amazon and Google Lost Money on Discounted Echo Dots and Google Home Minis (Kinsella, Bret) ( <a href="https://voicebot.ai/2018/01/05/amazon-google-lost-money-discounted-echo-dots-google-home-minis/">https://voicebot.ai/2018/01/05/amazon-google-lost-money-discounted-echo-dots-google-home-minis/</a> )	SONOS-SVG2-00225126	R, A, H				
TX6893	10/4/2016	Webpage: Business Insider, Google unveils its newest major product: the Google Home speaker (Steve Kovach) ( <a href="https://www.businessinsider.com/google-home-announced-price-release-date-2016-10">https://www.businessinsider.com/google-home-announced-price-release-date-2016-10</a> )	SONOS-SVG2-00225135	R, A, H				
TX6894	N/A	Webpage: Legrand US, Pass & Seymour Electrical Devices ( <a href="https://www.legrand.us/pass-and-seymour">https://www.legrand.us/pass-and-seymour</a> )	SONOS-SVG2-00225147	R, A, H				
TX6895	6/26/2019	Webpage: Strata-gee - Lenbrook Responds to Sonos Lawsuit, It Will 'Defend Vigorously the Claims' ( <a href="https://www.strata-gee.com/lenbrook-responds-to-sonos-lawsuit-it-will-defend-vigorously-the-claims/">https://www.strata-gee.com/lenbrook-responds-to-sonos-lawsuit-it-will-defend-vigorously-the-claims/</a> )	SONOS-SVG2-00225152	R, A, H				
TX6896		WITHDRAWN						
TX6897	N/A	Webpage: StatCounter - Mobile Vendor Market Share United States of America Jan 2018 - Mar 2022 ( <a href="https://gs.statcounter.com/vendor-market-share/mobile/united-states-of-america/#monthly-201801-202203">https://gs.statcounter.com/vendor-market-share/mobile/united-states-of-america/#monthly-201801-202203</a> ) (May 2022)	SONOS-SVG2-00225167	R				
TX6898	6/4/2019	Webpage: Bloomberg Law, Big Tech Opens Wallet for Patents to Stop Infringement Fights (Malathi Nayak) ( <a href="https://news.bloomberglaw.com/ip-law/uber-google-others-gear-up-for-defensive-patent-buy-1">https://news.bloomberglaw.com/ip-law/uber-google-others-gear-up-for-defensive-patent-buy-1</a> )	SONOS-SVG2-00225172	R, A, H, N, 403				
TX6899	1/3/2018	Webpage: Business Insider, Amazon and Google probably lost money on their smart speakers over Christmas (Stephen Nellis) ( <a href="https://www.businessinsider.com/amazon-and-google-probably-lost-money-on-smart-speakers-over-christmas-2018-1">https://www.businessinsider.com/amazon-and-google-probably-lost-money-on-smart-speakers-over-christmas-2018-1</a> )	SONOS-SVG2-00225174	R, A, H, PK				
TX6900	N/A	Webpage: Google Store, Welcome to Google Nest. Build your helpful home ( <a href="https://store.google.com/category/connected_home?hl=en-US">https://store.google.com/category/connected_home?hl=en-US</a> )	SONOS-SVG2-00225182	R				
TX6901	N/A	Webpage: Sonos, Our DNA ( <a href="https://www.sonos.com/en-us/our-dna">https://www.sonos.com/en-us/our-dna</a> )	SONOS-SVG2-00225188	R				
TX6902	N/A	Webpage: Allied Security Trust, Our Mission (2002) ( <a href="https://www.ast.com/about-us/asts-mission/">https://www.ast.com/about-us/asts-mission/</a> )	SONOS-SVG2-00225203	R				
TX6903	10/4/2017	Webpage: AndroidPolice, Google's Pixelbook is official, starts at \$999 with an optional stylus for \$99 (Jordan Palmer) ( <a href="https://www.androidpolice.com/2017/10/04/googles-pixelbook-official/">https://www.androidpolice.com/2017/10/04/googles-pixelbook-official/</a> )	SONOS-SVG2-00225208	R, A, H				



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TX6904	6/8/2020	Webpage: What Hi-Fi?, Sonos S2 update: everything you need to know (Tom Parsons) ( <a href="https://www.whathifi.com/us/advice/sonos-s2-update-everything-you-need-to-know">https://www.whathifi.com/us/advice/sonos-s2-update-everything-you-need-to-know</a> )	SONOS-SVG2-00225215	R, A, H				
TX6905	1/26/2021	Webpage: Chrome Unboxed, It's official: the Google Home Max is discontinued for real this time (Robby Payne) ( <a href="https://chromeunboxed.com/google-home-max-discontinued-google-store">https://chromeunboxed.com/google-home-max-discontinued-google-store</a> )	SONOS-SVG2-00225228	R, A, H				
TX6906	N/A	Webpage: Google Store, 5G Google Pixel Phones ( <a href="https://store.google.com/category/phones?hl=en-US">https://store.google.com/category/phones?hl=en-US</a> )	SONOS-SVG2-00225232	R				
TX6907	N/A	Webpage: Google Store, Pixel 6, a smarter chip for a smarter phone ( <a href="https://store.google.com/product/pixel_6?hl=en-US">https://store.google.com/product/pixel_6?hl=en-US</a> )	SONOS-SVG2-00225261	R				
TX6908	12/10/2015	Webpage: Variety, Google's Chromecast Audio Adapter Gets Multi-Room Support Similar to Sonos (Janko Roettgers) ( <a href="https://variety.com/2015/digital/news/chromecast-audio-multiroom-grouping-1201657931/">https://variety.com/2015/digital/news/chromecast-audio-multiroom-grouping-1201657931/</a> )	SONOS-SVG2-00225299	R, A, H				
TX6909		WITHDRAWN						
TX6910	N/A	Webpage: Google, Service Fees, Play Console Help ( <a href="https://support.google.com/googleplay/android-developer/answer/112622?hl=en">https://support.google.com/googleplay/android-developer/answer/112622?hl=en</a> )	SONOS-SVG2-00225315	R				
TX6911	N/A	Webpage: Sonos, Shop All Products ( <a href="https://www.sonos.com/en-us/shop">https://www.sonos.com/en-us/shop</a> )	SONOS-SVG2-00225316	R				
TX6912	10/4/2017	Webpage: The Verge, Google Home Max is a supersized version of the smart home speaker (Micah Singleton) ( <a href="https://www.theverge.com/circuitbreaker/2017/10/4/16404380/google-home-max-smart-stereo-speaker-announced-price-release-date">https://www.theverge.com/circuitbreaker/2017/10/4/16404380/google-home-max-smart-stereo-speaker-announced-price-release-date</a> )	SONOS-SVG2-00225334	R, A, H				
TX6913	9/4/2011	Webpage: SEObytheSea, Google Picks Up Hardware and Media Patents from Outland Research (Bill Slawski) ( <a href="https://www.seobythesea.com/2011/09/google-picks-up-hardware-and-media-patents-from-outland-research/">https://www.seobythesea.com/2011/09/google-picks-up-hardware-and-media-patents-from-outland-research/</a> )	SONOS-SVG2-00225336	R, A, H				
TX6914	6/1/2020	Webpage: MarketsandMarkets, Smart Speaker Market with COVID-19 Impact Analysis by IVA (Alexa, Google Assistant, Siri, DuerOS, Ali Genie), Component (Hardware (Speaker Driver, Connectivity IC, Processor, Audio IC, Memory, Power IC, Microphone) and Software), Application, and Region - Global Forecast to 2025 (June 2020) ( <a href="https://www.marketsandmarkets.com/Market-Reports/smart-speaker-market-44984088.html">https://www.marketsandmarkets.com/Market-Reports/smart-speaker-market-44984088.html</a> )	SONOS-SVG2-00225378	R, A, H				
TX6915	N/A	Webpage: Sonos, Five, Our Most Powerful Wireless Home Speakers ( <a href="https://www.sonos.com/en-us/shop/five">https://www.sonos.com/en-us/shop/five</a> )	SONOS-SVG2-00225385	R				
TX6916	3/9/2021	Presentation: Sonos, Investor Event	SONOS-SVG2-00225399	R				
TX6917	N/A	Webpage: Sonos - Sonos S2 compatibility ( <a href="https://support.sonos.com/s/article/4786?language=en_US">https://support.sonos.com/s/article/4786?language=en_US</a> )	SONOS-SVG2-00225473	R				
TX6918	N/A	Webpage: Legrand, Speakers ( <a href="https://www.legrand.us/audio-visual/speakers/c/lnd011300">https://www.legrand.us/audio-visual/speakers/c/lnd011300</a> )	SONOS-SVG2-00225475	R				
TX6919	10/8/2021	Webpage: DigitalTrends, The history of Amazon Echo (Tyler Lacombe) ( <a href="https://www.digitaltrends.com/home/history-of-amazon-echo/">https://www.digitaltrends.com/home/history-of-amazon-echo/</a> )	SONOS-SVG2-00225552	R, A, H				
TX6920		The Smart Audio Report, NPR and Edison Research (Spring 2020)	SONOS-SVG2-00225565	R	403; H; R; PK; A			
TX6921	4/16/2022	Webpage: Chromecast App Tips, Types of Chromecast: Specs, Prices, Release Date, Comparison & More ( <a href="https://chromecastapptips.com/types-of-chromecast/">https://chromecastapptips.com/types-of-chromecast/</a> )	SONOS-SVG2-00225620	R				
TX6922	9/17/2020	Webpage: Automate Your Life - How much does IFTTT Cost? ( <a href="https://automatelifenet.com/how-much-does-ifttt-cost/">https://automatelifenet.com/how-much-does-ifttt-cost/</a> )	SONOS-SVG2-00225629	R, A, H				
TX6923	1/6/2022	Webpage: The New York Times, Google Infringed on Sonos Speaker Technology, Trade Court Rules (Daisuke Wakabayashi) ( <a href="https://www.nytimes.com/2022/01/06/technology/google-sonos-patents.html">https://www.nytimes.com/2022/01/06/technology/google-sonos-patents.html</a> )	SONOS-SVG2-00225637	R, A, H, N, 403				
TX6924		WITHDRAWN						
TX6925	5/14/2019	Webpage: Wired UK, Google Assistant finally comes to Sonos speakers (Sabrina Weiss) ( <a href="https://www.wired.co.uk/article/sonos-google-assistant-update-uk-release-date">https://www.wired.co.uk/article/sonos-google-assistant-update-uk-release-date</a> )	SONOS-SVG2-00225646	R, A, H				

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TX6926	5/6/2020	Webpage: The Verge, The new Sonos Five looks and sounds identical to the Play:5 it's replacing (Chris Welch) ( <a href="https://www.theverge.com/2020/5/6/21248545/sonos-five-speaker-announced-play-5-price-features-release-date">https://www.theverge.com/2020/5/6/21248545/sonos-five-speaker-announced-play-5-price-features-release-date</a> )	SONOS-SVG2-00225649	R, A, H				
TX6927	1/11/2022	Webpage: CoolBlue, What is the average lifespan of a smartphone? (Jesper) ( <a href="https://www.coolblue.nl/en/advice/lifespan-smartphone.html">https://www.coolblue.nl/en/advice/lifespan-smartphone.html</a> )	SONOS-SVG2-00225652	R, A, H				
TX6928	7/26/2011	Webpage: NPR Planet Money, When Patents Attack ( <a href="https://www.npr.org/sections/money/2011/07/26/138576167/when-patents-attack">https://www.npr.org/sections/money/2011/07/26/138576167/when-patents-attack</a> )	SONOS-SVG2-00225659	R, A, H, N, 403				
TX6929	N/A	Webpage: IFTTT, WTF is IFTTT? ( <a href="https://ifttt.com/explore/new_to_ifttt">https://ifttt.com/explore/new_to_ifttt</a> )	SONOS-SVG2-00225673	R				
TX6930	N/A	Webpage: Aux Mod, YouTube on TV ( <a href="https://auxmode.com/support/youtube-on-tv/">https://auxmode.com/support/youtube-on-tv/</a> )	SONOS-SVG2-00225682	R, A, H				
TX6931		Economic Damages in Intellectual Property, Daniel Slottje (2006) (excerpt)	SONOS-SVG2-00225690	R, A, H, N, 403				
TX6932	6/15/2022	Bloomberg Weighted Average Cost of Capital, Alphabet Inc.	SONOS-SVG2-00225804	R, 403				
TX6933		WITHDRAWN						
TX6934		WITHDRAWN						
TX6935	6/29/2022	Deposition Transcript of Harry Bims taken on June 29, 2022, Google v. Sonos, USPTO PTAB, IPR2021-01563 (615 Patent)	SONOS-SVG2-00226539	R				
TX6936		WITHDRAWN						
TX6937		WITHDRAWN						
TX6938		WITHDRAWN						
TX6939		WITHDRAWN						
TX6940		WITHDRAWN						
TX6941		WITHDRAWN						
TX6942		WITHDRAWN						
TX6943		WITHDRAWN						
TX6944		WITHDRAWN						
TX6945		WITHDRAWN						
TX6946		WITHDRAWN						
TX6947		WITHDRAWN						
TX6948	2/1/2008	Webpage: Logitech Squeezebox forum, firmware update for TP (2008) ( <a href="https://forums.slimdevices.com/showthread.php?42882-firmware-update-for-TP">https://forums.slimdevices.com/showthread.php?42882-firmware-update-for-TP</a> )	SONOS-SVG2-00226893	403, R, A, H				
TX6949	5/24/2007	Webpage: CNET, Lenovo T61 review: Lenovo T61 (Dan Ackerman) ( <a href="https://www.cnet.com/reviews/lenovo-161-review/">https://www.cnet.com/reviews/lenovo-161-review/</a> )	SONOS-SVG2-00226895	403, R, A, H				
TX6950	N/A	Webpage: Bose, Lifestyle 18 Series II DVD home entertainment system ( <a href="https://www.bose.com/en_us/support/products/bose_home_theater_support/bose_5_speaker_home_theater_support/ls18_series2.html">https://www.bose.com/en_us/support/products/bose_home_theater_support/bose_5_speaker_home_theater_support/ls18_series2.html</a> )	SONOS-SVG2-00226906	403, R, A, H				
TX6951	N/A	Webpage: Bose, Lifestyle 28 Series II system ( <a href="https://www.bose.com/en_us/support/products/bose_home_theater_support/bose_5_speaker_home_theater_support/ls28_series2.html">https://www.bose.com/en_us/support/products/bose_home_theater_support/bose_5_speaker_home_theater_support/ls28_series2.html</a> )	SONOS-SVG2-00226907	403, R, A, H				
TX6952	N/A	Webpage: Bose, Lifestyle 38 DVD home entertainment system ( <a href="https://www.bose.com/en_us?support/products/bose_home_theater_support/bose_5_speaker_home_theater_support/ls38_series1.html">https://www.bose.com/en_us?support/products/bose_home_theater_support/bose_5_speaker_home_theater_support/ls38_series1.html</a> )	SONOS-SVG2-00226908	403, R, A, H				
TX6953	N/A	Webpage: Bose, Lifestyle 48 DVD home entertainment system ( <a href="https://www.bose.com/en_us/support/products/bose_home_theater_support/ls48_series1.html">https://www.bose.com/en_us/support/products/bose_home_theater_support/ls48_series1.html</a> )	SONOS-SVG2-00226909	403, R, A, H				
TX6954	N/A	Webpage: Bose, Lifestyle 50 system ( <a href="https://www.bose.com/en_us/support/products/bose_home_theater_support/bose_5_speaker_home_theater_support/ls50.html">https://www.bose.com/en_us/support/products/bose_home_theater_support/bose_5_speaker_home_theater_support/ls50.html</a> )	SONOS-SVG2-00226910	403, R, A, H				
TX6955	10/18/2006	Webpage: Press Release, Logitech Investor Relations, Logitech Acquires Slim Devices, Pioneer in Network-Based Music Systems ( <a href="https://ir.logitech.com/press-releases/press-release-details/2006/Logitech-Acquires-Slim-Devices-Pioneer-in-Network-Based-Music-Systems/default.aspx">https://ir.logitech.com/press-releases/press-release-details/2006/Logitech-Acquires-Slim-Devices-Pioneer-in-Network-Based-Music-Systems/default.aspx</a> )	SONOS-SVG2-00226911	H	403; H; R; PK; A			

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TX6956	5/6/2008	Webpage: Computer World, Microsoft releases Windows XP SP3...again (Gregg Keizer) (https://www.computerworld.com/article/2535625/microsoft-releases-windows-xp-sp3-----again.html)	SONOS-SVG2-00226913	403, R, A, H				
TX6957	5/19/2009	Webpage: Microsoft, Update Details for Windows XP Service Pack 3 (https://www.catalog.update.microsoft.com/ScopedViewInline.aspx?updateid=60b990a0-6efa-47be-8f5a-7df2c402583e)	SONOS-SVG2-00226915	403, R, A, H				
TX6958	N/A	Webpage: Sonos Community post, Party Mode is a problem. We need ability to create multiple groups of rooms! (https://en.community.sonos.com/controllers-software-228995/party-mode-is-a-problem-we-need-ability-to-create-multiple-groups-of-room-5451386/ind...)	SONOS-SVG2-00226916		403; H; R; PK			
TX6959	N/A	Webpage: Wiki, Logitech Squeezebox Release Notes (https://wiki.slimdevices.com/index.php/Release_Notes)	SONOS-SVG2-00226922	403, R, A, H				
TX6960	N/A	Webpage: Changelog 7 (http://svn.slimdevices.com/repos/slim/7.6/trunk/server/Changelog7.html)	SONOS-SVG2-00226925	403, R, A, H				
TX6961	N/A	Webpage: Wiki, Logitech Squeezebox SlimProto TCP protocol (https://wiki.slimdevices.com/index.php/SlimProtoTCPProtocol.html#Command_22grfd.22)	SONOS-SVG2-00226941	403, R, A, H				
TX6962	N/A	Webpage: Softsqueeze, Richard Titmuss 2004-2009 (http://softsqueeze.sourceforge.net/index.html)	SONOS-SVG2-00226947	403, R, A, H				
TX6963	N/A	Webpage: Wikipedia, Sony CDP-101 (https://en.wikipedia.org/wiki/Sony_CDP-101)	SONOS-SVG2-00226948	403, R, A, H				
TX6964	N/A	Webpage: Positive Feedback Issue 29, slimdevices, Squeezebox 3 (Danny Kaey) (January - February 2007) (https://positive-feedback.com/Issue29/squeezebox_3.htm)	SONOS-SVG2-00226949	403, R, A, H				
TX6965	N/A	Webpage: ThinkPad T61 Wiki developed by John McDonnell and Forum Member TuuS (https://thinkpads.com/t61/)	SONOS-SVG2-00226953	403, R, A, H				
TX6966	7/15/2006	U.S. Patent Provisional App. No. 60/767,555 (Specification, Claims, Abstract, and Drawings)	SONOS-SVG2-00226956	403, R, H				
TX6967	N/A	Webpage: Wikipedia, Windows XP (https://en.wikipedia.org/wiki/Windows_XP#Service_Pack_3)	SONOS-SVG2-00227000	403, R, A, H				
TX6968		WITHDRAWN						
TX6969		WITHDRAWN						
TX6970		WITHDRAWN						
TX6971		WITHDRAWN						
TX6972	N/A	Webpage: Wiki, Logitech Squeezebox, Hardware Comparison (https://wiki.slimdevices.com/index.php/Hardware_comparison.html)	SONOS-SVG2-00227030	403, R, A, H				
TX6973		Presentation: From Rincon to Sonos - The Journey by Sonos	SONOS-SVG2-00227363		403; H; R; PK			
TX6974		Presentation: Sonos Digital Music System	SONOS-SVG2-00227400		403; H; R; PK			
TX6975	10/31/2002	Rincon Audio Zone Player Functional Specification, Version 0.3	SONOS-SVG2-00227407		403; H; R; PK			
TX6976	7/9/2003	Email from Rob Lambourne to Mieko Kusano re scenarios	SONOS-SVG2-00227414		403; H; R; PK			
TX6977	7/9/2003	Scenarios 9 July 3, Rob	SONOS-SVG2-00227415		403; H; R; PK			
TX6978	10/14/2013	Webpage: NBC News - Tiny \$199 Sonos Play:1 speaker fills a room with wireless tunes (https://www.nbcnews.com/technology/tiny-199-sonos-play-1-speaker-fills-room-wireless-tunes-8C11387714)	SONOS-SVG2-00227418	403, R, A, H				
TX6979	3/22/2005	An Audio Hub that Actually Works, Easily, PC Magazine, Bill Howard	SONOS-SVG2-00227422	H	A; H; INC			
TX6980	10/15/2013	Webpage: Macworld - Sonos Play:1 wireless speaker (http://www.macworld.com.au/reviews/sonos-play-1-wireless-speaker-110342/#.VSvfOhPF87Q)	SONOS-SVG2-00227423	403, R, A, H				
TX6981	2/24/2005	Webpage: Wall Street Journal Gadget That Streams Music Around House is Terrific but Pricey (https://www.wsj.com/articles/SB110919542829162413)	SONOS-SVG2-00227427	H	H; R			
TX6982		Architecture - Sonos Home Network, Annotated	SONOS-SVG2-00227430					
TX6983	5/12/2003	Email from Nick Millington to Steve Holmgren, et al. re next steps for prototype	SONOS-SVG2-00227431	403, H, A, DU, BE				
TX6984	5/13/2003	Email from Nick Millington to Andrew Schultre re ongoing audio synchronization	SONOS-SVG2-00227432	403, H, A, DU, BE				
TX6985	5/13/2003	Synchronization Algorithm - Nick Millington	SONOS-SVG2-00227433	A, H	403; H; R; PK			

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TX6986	7/21/2003	Email from Nick Millington to Andrew Schuler re groups	SONOS-SVG2-00227434	A, H	403; H; R; PK			
TX6987	8/8/2003	Email from Rob Lambourne to Tad Coburn, et al. RE: important task - formalizing the goals of ease of use	SONOS-SVG2-00227436	A, H	403; H; R; PK			
TX6988	8/8/2003	Important User Tasks, Rob Lambourne	SONOS-SVG2-00227437	A, H	403; H; R; PK			
TX6989	6/8/2004	Email from John MacFarlane to Sonos re Day 2 - coming out	SONOS-SVG2-00227439	403, H, A, DU, BE				
TX6990	6/7/2004	Email from John MacFarlane to Rincon re D - coming out party	SONOS-SVG2-00227440	A, H	403; H; R; PK			
TX6991		Sonos Digital Music System User Guide (April 2005)	SONOS-SVG2-00227441	A, H	403; H; R; PK			
TX6992		Photo of Squeezebox v3 (bottom view)	SONOS-SVG2-00227555	403, H, A, DU				
TX6993		Photo of Squeezebox v3 (bottom view)	SONOS-SVG2-00227556	403, H, A, DU				
TX6994		Photo of Squeezebox C-RH62 (bottom view)	SONOS-SVG2-00227557	403, H, A, DU				
TX6995		Photo of Squeezebox v3 (bottom view)	SONOS-SVG2-00227558	403, H, A, DU				
TX6996		Photo of Squeezebox v3 (front view)	SONOS-SVG2-00227559	403, H, A, DU				
TX6997		Photo of Squeezebox v3 (front view)	SONOS-SVG2-00227560	403, H, A, DU				
TX6998		Photo of Squeezebox C-RH62 (front view)	SONOS-SVG2-00227561	403, H, A, DU				
TX6999		Photo of Squeezebox v3 (front view)	SONOS-SVG2-00227562	403, H, A, DU				
TX7000		Photo of Lenovo T61 running Windows	SONOS-SVG2-00227563	403, H, A, DU				
TX7001		Photo of Lenovo T61 running System Information	SONOS-SVG2-00227564	403, H, A, DU				
TX7002		Screenshot: Sonos Play Stream x2 Action	SONOS-SVG2-00227565	403, H, A, DU				
TX7003		Screenshot: Sonos Resume x2 Action	SONOS-SVG2-00227566	403, H, A, DU				
TX7004		Screenshot: Spotify and Sonos Play Stream x2 Action	SONOS-SVG2-00227567	403, H, A, DU, BE, R				
TX7005		Screenshot: Spotify and Sonos Play Stream Action	SONOS-SVG2-00227568	403, H, A, DU, BE, R				
TX7006		Screenshot: Spotify and Sonos Resume x2 Action	SONOS-SVG2-00227569	403, H, A, DU, BE, R				
TX7007		Screenshot: Spotify Start Playback x2 Action	SONOS-SVG2-00227571	403, H, A, DU, BE, R				
TX7008		IFTTT page - Button widget integrations, Details (chrome-extension://nlipoenfbikpbjckfpfillcgkoblglpmj/edit-react.html)	SONOS-SVG2-00227572	403, R, MIL, H, A				
TX7009		IFTTT page - Button widget integrations, Applets (chrome-extension://nlipoenfbikpbjckfpfillcgkoblglpmj/edit-react.html)	SONOS-SVG2-00227574	403, R, MIL, H, A				
TX7010	9/25/2020	Webpage: ComputerWorld - What is IFTTT? How to use If This, Then That services by James A. Martin (chrome-extension://nlipoenfbikpbjckfpfillcgkoblglpmj/edit-react.html)	SONOS-SVG2-00227578	403, R, MIL, H, A				
TX7011		IFTTT screenshot - Button Widget Title - Afternoon	SONOS-SVG2-00227584	403, R, MIL, H, A				
TX7012		IFTTT screenshot - Button Widget Title - Evening	SONOS-SVG2-00227586	403, R, MIL, H, A				
TX7013		IFTTT screenshot - Button Widget Title - Garden	SONOS-SVG2-00227588	403, R, MIL, H, A				
TX7014		IFTTT screenshot - Button Widget Title - Morning	SONOS-SVG2-00227590	403, R, MIL, H, A				
TX7015		IFTTT screenshot - Button Widget Title	SONOS-SVG2-00227592	403, R, MIL, H, A				
TX7016		Screenshot: Google Store - Google Assistant	SONOS-SVG2-00227593	403, R, MIL, H, A				
TX7017		IFTTT page - What is IFTTT? (chrome-extension://nlipoenfbikpbjckfpfillcgkoblglpmj/edit-react.html)	SONOS-SVG2-00227596	403, R, MIL, H, A				
TX7018	11/15/2021	Webpage: Safewise - What is IFTTT? The Ultimate Guide by Alina Bradford (chrome-extension://nlipoenfbikpbjckfpfillcgkoblglpmj/edit-react.html)	SONOS-SVG2-00227600	403, R, MIL, H, A				
TX7019		IFTTT screenshot - Sonos Actions	SONOS-SVG2-00227605	403, R, MIL, H, A				
TX7020	N/A	Webpage: Sonos IFTTT - Sonos Integrations (chrome-extension://nlipoenfbikpbjckfpfillcgkoblglpmj/edit-react.html)	SONOS-SVG2-00227607	403, R, MIL, H, A				
TX7021		IFTTT page - Sonos integrations (chrome-extension://nlipoenfbikpbjckfpfillcgkoblglpmj/edit-react.html)	SONOS-SVG2-00227609	403, R, MIL, H, A				
TX7022		IFTTT screenshot - Spotify Actions	SONOS-SVG2-00227613	403, R, MIL, H, A				
TX7023		IFTTT page - Spotify integrations, Details (chrome-extension://nlipoenfbikpbjckfpfillcgkoblglpmj/edit-react.html)	SONOS-SVG2-00227615	403, R, MIL, H, A				
TX7024		IFTTT page - Spotify integrations, Applets (chrome-extension://nlipoenfbikpbjckfpfillcgkoblglpmj/edit-react.html)	SONOS-SVG2-00227618	403, R, MIL, H, A				
TX7025	8/13/2021	Email from Mark Triplett to Renny Hwang, et al. re Sono's Further Notice of Patent Infringement by Google	SONOS-SVG2-00227624	403, 408, R, H				
TX7026		Exhibit A - Charted Patents	SONOS-SVG2-00227625	403, 408, R, H				
TX7027		Exhibit B - New Patents	SONOS-SVG2-00227638	403, 408, R, H				
TX7028	8/13/2021	Letter from Mark Triplett to Renny Hwang, et al. re Notice of Continued Infringement	SONOS-SVG2-00227649	403, 408, R, H				
TX7029		WITHDRAWN						
TX7030		WITHDRAWN						

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TX7031		WITHDRAWN						
TX7032		WITHDRAWN						
TX7033		WITHDRAWN						
TX7034		WITHDRAWN						
TX7035		WITHDRAWN						
TX7036		WITHDRAWN						
TX7037		WITHDRAWN						
TX7038		WITHDRAWN						
TX7039		WITHDRAWN						
TX7040		WITHDRAWN						
TX7041		WITHDRAWN						
TX7042		WITHDRAWN						
TX7043		WITHDRAWN						
TX7044		WITHDRAWN						
TX7045		IFTTT screenshot - Button Press Trigger	SONOS-SVG2-00233809	403, R, MIL, H, A, INC.				
TX7046		IFTTT screenshot - Applet Widget	SONOS-SVG2-00233810	403, R, MIL, H, A, INC.				
TX7047		IFTTT screenshot - Applet Multi-Widget	SONOS-SVG2-00233811	403, R, MIL, H, A, INC.				
TX7048		Screenshot: Sonos Resume Configuration	SONOS-SVG2-00233812	403, R, MIL, H, A, INC.				
TX7049		WITHDRAWN						
TX7050		WITHDRAWN						
TX7051		WITHDRAWN						
TX7052		WITHDRAWN						
TX7053		WITHDRAWN						
TX7054		WITHDRAWN						
TX7055		WITHDRAWN						
TX7056		WITHDRAWN						
TX7057		WITHDRAWN						
TX7058		WITHDRAWN						
TX7059		WITHDRAWN						
TX7060		WITHDRAWN						
TX7061	N/A	Webpage: Google - Google Pixel 7 Pro Tech Specs ( <a href="https://store.google.com/us/product/pixel_7_pro_specs?hl=en-US">https://store.google.com/us/product/pixel_7_pro_specs?hl=en-US</a> )	SONOS-SVG2-00233877	R				
TX7062	N/A	Webpage: Google - Google Pixel 7 Tech Specs ( <a href="https://store.google.com/us/product/pixel_7_specs?hl=en-US">https://store.google.com/us/product/pixel_7_specs?hl=en-US</a> )	SONOS-SVG2-00233884	R				
TX7063		WITHDRAWN						
TX7064		WITHDRAWN						
TX7065		WITHDRAWN						
TX7066		WITHDRAWN						
TX7067		WITHDRAWN						
TX7068		WITHDRAWN						
TX7069		WITHDRAWN						
TX7070		WITHDRAWN						
TX7071	N/A	Webpage: Google - Pixel 6a Full Tech Specs ( <a href="https://store.google.com/us/product/pixel_6a_specs?hl=en-US">https://store.google.com/us/product/pixel_6a_specs?hl=en-US</a> )	SONOS-SVG2-00233937	R				
TX7072		WITHDRAWN						
TX7073		WITHDRAWN						
TX7074		WITHDRAWN						
TX7075		WITHDRAWN						
TX7076		WITHDRAWN						
TX7077		WITHDRAWN						
TX7078		WITHDRAWN						
TX7079		WITHDRAWN						
TX7080	N/A	Webpage: Apple Store Preview - YouTube Music ( <a href="https://apps.apple.com/us/app/youtube-music/id1017492454">https://apps.apple.com/us/app/youtube-music/id1017492454</a> )	SONOS-SVG2-00233990	R, H				
TX7081		WITHDRAWN						
TX7082		WITHDRAWN						
TX7083		WITHDRAWN						
TX7084		WITHDRAWN						
TX7085		WITHDRAWN						

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TX7086	N/A	Webpage: DeviceSpecifications - Google Pixel 6a - Specifications ( <a href="https://www.devicespecifications.com/en/model/4e1e596d">https://www.devicespecifications.com/en/model/4e1e596d</a> )	SONOS-SVG2-00234023	R, A, H				
TX7087	N/A	Webpage: Google - Pixel phone hardware tech specs ( <a href="https://support.google.com/pixelphone/answer/7158570?hl=en#zippy=.pixel-xl.pixel.pixel-a-xl.pixel-a.pixel-a-g.pixel-pro">https://support.google.com/pixelphone/answer/7158570?hl=en#zippy=.pixel-xl.pixel.pixel-a-xl.pixel-a.pixel-a-g.pixel-pro</a> )	SONOS-SVG2-00234031	R				
TX7088	N/A	Webpage: The Chromium Projects - Chrome OS Systems Supporting Android Apps ( <a href="https://sites.google.com/a/chromium.org/dev/chromium-os/chrome-os-systems-supporting-android-apps">https://sites.google.com/a/chromium.org/dev/chromium-os/chrome-os-systems-supporting-android-apps</a> )	SONOS-SVG2-00234082	R				
TX7089	N/A	Webpage: Google - Get apps for your Pixelbook ( <a href="https://support.google.com/pixelbook/answer/7504060?hl=en">https://support.google.com/pixelbook/answer/7504060?hl=en</a> )	SONOS-SVG2-00234091	R				
TX7090	N/A	Webpage: Google - Google Nest speakers and displays ( <a href="https://support.google.com/googlenest/answer/7029281?hl=e">https://support.google.com/googlenest/answer/7029281?hl=e</a> )	SONOS-SVG2-00234095	R				
TX7091	N/A	Webpage: Google - Choose your Nest Wifi ( <a href="https://store.google.com/config_nest_wifi_hl=en-US">https://store.google.com/config_nest_wifi_hl=en-US</a> )	SONOS-SVG2-00234098	R				
TX7092	N/A	Webpage: Google - The center of your helpful home ( <a href="https://store.google.com/category_nest_hubs_displays_hl=en-US#compare-displays">https://store.google.com/category_nest_hubs_displays_hl=en-US#compare-displays</a> )	SONOS-SVG2-00234100	R				
TX7093	N/A	Webpage: Google - Install and use Android apps on your Chromebook ( <a href="https://support.google.com/chromebook/answer/7021273?hl=en#zippy=...ync-your-apps%2Clearn-how-chromeos-handles-your-android-app-data">https://support.google.com/chromebook/answer/7021273?hl=en#zippy=...ync-your-apps%2Clearn-how-chromeos-handles-your-android-app-data</a> )	SONOS-SVG2-00234106	R				
TX7094	5/19/2016	Webpage: Google The Keyword - Chromebooks The Google Play store, coming to a Chromebook near you by Elijah Taylor ( <a href="https://blog.google/products/chromebooks/the-google-play-store-coming-to/">https://blog.google/products/chromebooks/the-google-play-store-coming-to/</a> )	SONOS-SVG2-00234111	R				
TX7095	N/A	Webpage: Google - Smart speakers that entertain and help out ( <a href="https://store.google.com/category_nest_speakers_hl=en-US&amp;pli=1#compare_lite">https://store.google.com/category_nest_speakers_hl=en-US&amp;pli=1#compare_lite</a> )	SONOS-SVG2-00234117	R				
TX7096	N/A	Webpage: Google - Chromecast with Google TV, Entertainment you love. With help from Google ( <a href="https://store.google.com/product_chromecast_google_tv_hl=en-US">https://store.google.com/product_chromecast_google_tv_hl=en-US</a> )	SONOS-SVG2-00234123	R				
TX7097	N/A	Webpage: ChromeOS - Android apps on ChromeOS, ChromeOS for developers ( <a href="https://chromeos.dev/en/android">https://chromeos.dev/en/android</a> )	SONOS-SVG2-00234130	R				
TX7098	N/A	Webpage: Apple Store Preview - Google Home ( <a href="https://apps.apple.com/us/app_google-home_id680819774">https://apps.apple.com/us/app_google-home_id680819774</a> )	SONOS-SVG2-00234136	R				
TX7099		Google - Definition of Create	SONOS-SVG2-00234138	R				
TX7100		WITHDRAWN						
TX7101	2/24/2005	Webpage: Wall Street Journal - Gadget That Streams Music Around House Is Terrific but Pricey by Walter S. Mossberg ( <a href="http://www.wsj.com/articles/SB110919542829162413">http://www.wsj.com/articles/SB110919542829162413</a> )	SONOS-SVG2-00234162	R, A, H				
TX7102	2/9/2007	Webpage: Wayback Machine, Sonos - Read what awards the Sonos Digital Music system has received ( <a href="http://web.archive.org/web/20070209183712/https://www.sonos.com/news_and_reviews/awards/">http://web.archive.org/web/20070209183712/https://www.sonos.com/news_and_reviews/awards/</a> )	SONOS-SVG2-00234165	R				
TX7103	7/4/2011	Webpage: Wayback Machine, Sonos - Awards ( <a href="http://web.archive.org/web/20110704065653/http://sonos.com/company/press/awards/default.aspx?rdr=true&amp;LangType=1033">http://web.archive.org/web/20110704065653/http://sonos.com/company/press/awards/default.aspx?rdr=true&amp;LangType=1033</a> )	SONOS-SVG2-00234171	R, 403				
TX7104	2/3/2005	Webpage: PC Magazine - Sonos ZonePlayer ZP100 by Bill Howard ( <a href="http://www.pcmag.com/article2/0,1759,1759560,00.asp">http://www.pcmag.com/article2/0,1759,1759560,00.asp</a> )	SONOS-SVG2-00234176	R	403; H; R; PK			
TX7105		Now Playing News Hot Stuff - The Sweet Sounds Sonos Offers Upscale Music System		R, A, H				
TX7106	12/1/2005	Webpage: LA Audio File - Product Review (December 2005) Sonos - Digital Music Server by Kevin Nakano ( <a href="http://www.laaudiofile.com/sonos.html">http://www.laaudiofile.com/sonos.html</a> )	SONOS-SVG2-00234182	R, A, H				
TX7107	N/A	Webpage: Google - Google Play, AllCast About this app ( <a href="https://play.google.com/store/apps/details?id=com.koushikdutta.cast">https://play.google.com/store/apps/details?id=com.koushikdutta.cast</a> )	SONOS-SVG2-00234190	R				
TX7108	N/A	Webpage: Google - Google Play, AllCast Premium About this app ( <a href="https://play.google.com/store/apps/details?id=com.koushikdutta.cast.license">https://play.google.com/store/apps/details?id=com.koushikdutta.cast.license</a> )	SONOS-SVG2-00234194	R				

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TX7109	N/A	Webpage: Allied Security Trust - Our Mission ( <a href="https://www.ast.com/about-us/asts-mission/">https://www.ast.com/about-us/asts-mission/</a> )	SONOS-SVG2-00234198	R				
TX7110	10/5/2021	Webpage: Android Authority - Google Pixel 6 release date officially revealed ( <a href="https://www.androidauthority.com/google-pixel-6-launch-date-confirmed-3035240/">https://www.androidauthority.com/google-pixel-6-launch-date-confirmed-3035240/</a> )	SONOS-SVG2-00234359	R, A, H				
TX7111	11/21/2022	Webpage: Ars Technica - Amazon Alexa is a "colossal failure," on pace to lose \$10 billion this year ( <a href="https://arstechnica.com/gadgets/2022/11/amazon-alexa-is-a-colossal-failure-on-pace-to-lose-10-billion-this-year/">https://arstechnica.com/gadgets/2022/11/amazon-alexa-is-a-colossal-failure-on-pace-to-lose-10-billion-this-year/</a> )	SONOS-SVG2-00234363	R, A, H, 403				
TX7112	7/18/2022	Webpage: Automate Your Life - How much does IFTTT Cost? ( <a href="https://automatelife.net/how-much-does-ifttt-cost/">https://automatelife.net/how-much-does-ifttt-cost/</a> )	SONOS-SVG2-00234369	R, A, H				
TX7113	N/A	Webpage: App Authority - Best Android Mirror Cast Apps ( <a href="https://appauthority.com/best-android-mirror-cast-apps-1922/">https://appauthority.com/best-android-mirror-cast-apps-1922/</a> )	SONOS-SVG2-00234378	R, A, H				
TX7114		WACC Alphabet Inc. A Equity screenshot	SONOS-SVG2-00234388	R, A, 403				
TX7115		Sonos Brilliant Sound	SONOS-SVG2-00234400	R				
TX7116	N/A	Webpage: Google - Google Play, Cast to TV - Chromecast, Roku, About this app ( <a href="https://play.google.com/store/apps/details?id=cast.video.screenmirroring.casttotv">https://play.google.com/store/apps/details?id=cast.video.screenmirroring.casttotv</a> )	SONOS-SVG2-00234402	R				
TX7117	N/A	Webpage: Google - Google Play, Cast Web Videos to Smart TVs, Castify ( <a href="https://play.google.com/store/apps/details?id=castify.roku&amp;hl=en_US&amp;gl=US">https://play.google.com/store/apps/details?id=castify.roku&amp;hl=en_US&amp;gl=US</a> )	SONOS-SVG2-00234407	R				
TX7118	7/19/2022	Webpage: Chromecast Apps Tips - Types of Chromecast: Features, Price and Comparison Guide [2022] ( <a href="https://chromecastappstips.com/types-of-chromecast/">https://chromecastappstips.com/types-of-chromecast/</a> )	SONOS-SVG2-00234414	R				
TX7119	5/23/2022	Webpage: Digital Information World - Google's Data Reveals that Not Many Are Willing To Upgrade To The New Android 12 ( <a href="https://www.digitalinformationworld.com/2022/05/googles-data-reveals-that-not-many-are.html">https://www.digitalinformationworld.com/2022/05/googles-data-reveals-that-not-many-are.html</a> )	SONOS-SVG2-00234427	403, A, H, R				
TX7120	10/4/2017	Webpage: Time - Google Just Unveiled the Home Mini to Challenge Amazon's Echo Dot by Lisa Eadicicco ( <a href="https://time.com/4968831/google-home-mini-release-date/">https://time.com/4968831/google-home-mini-release-date/</a> )	SONOS-SVG2-00234430	403, A, H, R				
TX7121		Is this License Comparable? Issues Facing Damages Experts When Determining Reasonable Royalties, University of Texas CLE, Brian M. Fogarty, et al. (January 2013)	SONOS-SVG2-00234432	403, H, R				
TX7122	1/1/2022	Webpage: Fortune Business Insights - Smart Speaker Market Size, Share & COVID-19 Impact Analysis, By Type (Virtual Assistants, Wireless Speakers, and Others), By Application (Residential and Commercial), and Regional Forecast, 2021-2028 ( <a href="https://www.fortunebusinessinsights.com/smart-speaker-market-106297">https://www.fortunebusinessinsights.com/smart-speaker-market-106297</a> )	SONOS-SVG2-00234447	403, A, H, R				
TX7123	10/3/2021	Webpage: Seattle Times - Big Tech's not-so-secret plan to monopolize your home by Geoffrey A. Fowler ( <a href="https://www.seattletimes.com/business/technology/big-techs-not-so-secret-plan-to-monopolize-your-home/">https://www.seattletimes.com/business/technology/big-techs-not-so-secret-plan-to-monopolize-your-home/</a> )	SONOS-SVG2-00234454	403, A, H, MIL, R				
TX7124	3/11/2019	Webpage: PhoneArena - The Google app hits an impressive milestone in the Play Store only reached by two other Android apps ( <a href="https://www.phonearena.com/news/The-Android-version-of-the-Google-app-reaches-an-impressive-milestone_id114429">https://www.phonearena.com/news/The-Android-version-of-the-Google-app-reaches-an-impressive-milestone_id114429</a> )	SONOS-SVG2-00234462	403, A, H, R				
TX7125	9/15/2020	Webpage: Google Patents - US. Patent No. 10,779,033 (Coburn) ( <a href="https://patents.google.com/patent/US10779033B2/en?q=10779033">https://patents.google.com/patent/US10779033B2/en?q=10779033</a> )	SONOS-SVG2-00234491	BE				
TX7126	11/24/2020	Webpage: Google Patents - U.S. Patent No. 10,848,885 (Lambourne) ( <a href="https://patents.google.com/patent/US10848885B2/en?q=10848885">https://patents.google.com/patent/US10848885B2/en?q=10848885</a> )	SONOS-SVG2-00234521	BE				
TX7127	5/18/2016	Webpage: Tech Crunch - Google unveils Google Assistant, a virtual assistant that's a big upgrade to Google Now ( <a href="https://techcrunch.com/2016/05/18/google-unveils-google-assistant-a-big-upgrade-to-google-now/">https://techcrunch.com/2016/05/18/google-unveils-google-assistant-a-big-upgrade-to-google-now/</a> )	SONOS-SVG2-00234605	403, A, H, R				



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TX7128	N/A	Webpage: Android - Certified Partners ( <a href="https://www.android.com/certified/partners/">https://www.android.com/certified/partners/</a> )	SONOS-SVG2-00234615	403, R				
TX7129	N/A	Webpage: Google Support - Google Play supported devices ( <a href="https://support.google.com/googleplay/answer/1727131?hl=en">https://support.google.com/googleplay/answer/1727131?hl=en</a> )	SONOS-SVG2-00234626	403, R				
TX7130	N/A	Webpage: Google Store - Google Made Devices & Accessories ( <a href="https://store.google.com/?hl=en-us">https://store.google.com/?hl=en-us</a> )	SONOS-SVG2-00234627	403, R				
TX7131	N/A	Webpage: Google Store - Welcome to Google Nest. Build your helpful home. ( <a href="https://store.google.com/category/connected_home?hl=en-US">https://store.google.com/category/connected_home?hl=en-US</a> )	SONOS-SVG2-00234636	403, R				
TX7132	N/A	Webpage: Google Store - Pixel 6 ( <a href="https://store.google.com/product/pixel_6?hl=en-US">https://store.google.com/product/pixel_6?hl=en-US</a> )	SONOS-SVG2-00234647	403, R				
TX7133	N/A	Webpage: Google Store - Google Pixel Phones ( <a href="https://store.google.com/category/phones?hl=en-US">https://store.google.com/category/phones?hl=en-US</a> )	SONOS-SVG2-00234669	403, R				
TX7134	N/A	Webpage: Android - Play Protect Certified Android devices: safe and secure ( <a href="https://www.android.com/certified/">https://www.android.com/certified/</a> )	SONOS-SVG2-00234684	403, R				
TX7135	N/A	Webpage: Google Support - Service fees ( <a href="https://support.google.com/googleplay/android-developer/answer/112622?hl=en">https://support.google.com/googleplay/android-developer/answer/112622?hl=en</a> )	SONOS-SVG2-00234693	403, R				
TX7136	N/A	Webpage: Android - Google Mobile Services ( <a href="https://www.android.com/gms/">https://www.android.com/gms/</a> )	SONOS-SVG2-00234694	403, R				
TX7137	10/13/2021	Webpage: CNBC - How Google's \$150 billion advertising business works ( <a href="https://www.cnbc.com/2021/05/18/how-does-google-make-money-advertising-business-breakdown-.html">https://www.cnbc.com/2021/05/18/how-does-google-make-money-advertising-business-breakdown-.html</a> )	SONOS-SVG2-00234708	403, A, H, MIL, R				
TX7138	5/18/2016	Webpage: CNET - Android N, Daydream VR, Google Home and more: Everything announced at Google I/O 2016 ( <a href="https://www.cnet.com/tech/tech-industry/android-n-daydream-vr-google-home-and-more-everything-announced-at-google-io-2016/">https://www.cnet.com/tech/tech-industry/android-n-daydream-vr-google-home-and-more-everything-announced-at-google-io-2016/</a> )	SONOS-SVG2-00234722	403, A, H, R				
TX7139	10/25/2019	Webpage: TheCellGuide - YouTube keeps stopping on Samsung Galaxy A10. Here's the fix. ( <a href="https://thecellguide.com/youtube-keeps-stopping-on-samsung-galaxy-a10-heres-the-fix-2-7155">https://thecellguide.com/youtube-keeps-stopping-on-samsung-galaxy-a10-heres-the-fix-2-7155</a> )	SONOS-SVG2-00234728	403, A, H, R				
TX7140	10/28/2020	Webpage: Online Tech Tips - IFTTT Pricing: Is Pro Worth the Cost? ( <a href="https://www.online-tech-tips.com/software-reviews/ifttt-pricing-is-pro-worth-the-cost/">https://www.online-tech-tips.com/software-reviews/ifttt-pricing-is-pro-worth-the-cost/</a> )	SONOS-SVG2-00234746	403, A, H, MIL, R				
TX7141	5/28/2015	Webpage: TalkAndroid - Chromecast sales approach 20 million, people just love the Cast button ( <a href="https://www.talkandroid.com/250517-chromecast-sales-approach-20-million-people-just-love-cast-button/">https://www.talkandroid.com/250517-chromecast-sales-approach-20-million-people-just-love-cast-button/</a> )	SONOS-SVG2-00234758	403, A, H, R				
TX7142	11/11/2021	Webpage: Wayback Machine, IFTTT - Find the plan for you ( <a href="https://web.archive.org/web/20211111223804/https://ifttt.com/plans">https://web.archive.org/web/20211111223804/https://ifttt.com/plans</a> )	SONOS-SVG2-00234765	403, A, H, MIL, R				
TX7143	11/3/2020	Webpage: Wayback Machine IFTTT - Find the right plan for Individuals ( <a href="https://web.archive.org/web/20201103212957/https://ifttt.com/plans">https://web.archive.org/web/20201103212957/https://ifttt.com/plans</a> )	SONOS-SVG2-00234770	403, A, H, MIL, R				
TX7144	N/A	Webpage: IFTTT - Find the plan for you ( <a href="https://ifttt.com/plans">https://ifttt.com/plans</a> )	SONOS-SVG2-00234777	403, A, H, MIL, R				
TX7145	N/A	Webpage: IFTTT - What is IFTTT? ( <a href="https://ifttt.com/explore/new_to_ifttt">https://ifttt.com/explore/new_to_ifttt</a> )	SONOS-SVG2-00234781	403, A, H, MIL, R				
TX7146	N/A	Webpage: Google Play - iMediaShare - Photos & Music, About this app ( <a href="https://play.google.com/store/apps/details?id=com.bianor.amspersonal">https://play.google.com/store/apps/details?id=com.bianor.amspersonal</a> )	SONOS-SVG2-00234788	403, R				
TX7147	N/A	Webpage: Intellectual Ventures: What We Do, Invention Investment Fund ( <a href="https://www.intellectualventures.com/what-we-do/invention-investment-fund">https://www.intellectualventures.com/what-we-do/invention-investment-fund</a> )	SONOS-SVG2-00234792	403, A, H, R				
TX7148	8/23/2022	Webpage: Coolblue - What is the lifespan of a smartphone ( <a href="https://www.coolblue.nl/en/advice/lifespan-smartphone.html#id-extend-your-life">https://www.coolblue.nl/en/advice/lifespan-smartphone.html#id-extend-your-life</a> )	SONOS-SVG2-00234797	403, A, H, R				
TX7149	8/17/2021	Webpage: The Verge - Google Pixel 5A comes with a bigger battery and screen, smaller price tag / The updated midranger goes on sale August 26th \$449 ( <a href="https://www.theverge.com/2021/8/17/22627253/google-pixel-5a-specs-price-screen-battery-availability">https://www.theverge.com/2021/8/17/22627253/google-pixel-5a-specs-price-screen-battery-availability</a> )	SONOS-SVG2-00234801	403, A, H, R				
TX7150	7/26/2022	Webpage: The Verge - Google Pixel 6A review: midrange parts, Tensor smart (s) ( <a href="https://www.theverge.com/23272042/google-pixel-6a-review-screen-price-specs-battery-camera">https://www.theverge.com/23272042/google-pixel-6a-review-screen-price-specs-battery-camera</a> )	SONOS-SVG2-00234808	403, A, H, R				



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TX7151	10/21/2022	Webpage: The Verge - Google Pixel 7 and Pixel 7 Pro review: better and better ( <a href="https://www.theverge.com/23399315/google-pixel-7-pro-review-screen-camera-battery-price">https://www.theverge.com/23399315/google-pixel-7-pro-review-screen-camera-battery-price</a> )	SONOS-SVG2-00234824	403, A, H, R				
TX7152	1/5/2018	Webpage: Voicebot - Amazon and Google Lost Money on Discounted Echo Dots and Google Home Minis ( <a href="https://voicebot.ai/2018/01/05/amazon-google-lost-money-discounted-echo-dots-google-home-minis/">https://voicebot.ai/2018/01/05/amazon-google-lost-money-discounted-echo-dots-google-home-minis/</a> )	SONOS-SVG2-00234847	403, A, H, MIL, R				
TX7153	10/4/2016	Webpage: Business Insider - Google unveils its newest major product: the Google Home speaker ( <a href="https://www.businessinsider.com/google-home-announced-price-release-date-2016-10">https://www.businessinsider.com/google-home-announced-price-release-date-2016-10</a> )	SONOS-SVG2-00234856	403, A, H, R				
TX7154	9/30/2022	Webpage: Digital Trends - The history of the Amazon Echo ( <a href="https://www.digitaltrends.com/home/history-of-amazon-echo/">https://www.digitaltrends.com/home/history-of-amazon-echo/</a> )	SONOS-SVG2-00234866	403, A, H, R				
TX7155	N/A	Webpage: Legrand - Electrical Outlets, Switches and Connectors ( <a href="https://www.legrand.us/pass-and-seymour">https://www.legrand.us/pass-and-seymour</a> )	SONOS-SVG2-00234890	403, A, H, R				
TX7156	N/A	Webpage: Legrand - Audio/Visual, Speakers ( <a href="https://www.legrand.us/audio-visual/speakers/c/1gnd011300">https://www.legrand.us/audio-visual/speakers/c/1gnd011300</a> )	SONOS-SVG2-00234904	403, A, H, R				
TX7157	1/7/2019	Webpage: 9to5Google - Google Assistant will soon be available on 1 billion devices and Google Home had 'record' 2018 ( <a href="https://9to5google.com/2019/01/07/google-assistant-1-billion-devices/">https://9to5google.com/2019/01/07/google-assistant-1-billion-devices/</a> )	SONOS-SVG2-00234933	403, A, H, R				
TX7158	10/18/2022	Statista - Average lifespan (replacement cycle length) of smartphones in the United States from 2014 to 2025	SONOS-SVG2-00234939	403, A, H, R				
TX7159	N/A	Webpage: Google Play - LocalCast: stream to TV, About this app ( <a href="https://play.google.com/store/apps/details?id=de.stefanpled.localcast">https://play.google.com/store/apps/details?id=de.stefanpled.localcast</a> )	SONOS-SVG2-00234941	403, R				
TX7160	N/A	Webpage: MarketsandMarkets - Smart Speaker Forecast, Global Market to 2025 ( <a href="https://www.marketsandmarkets.com/Market-Reports/smart-speaker-market-44984088.html">https://www.marketsandmarkets.com/Market-Reports/smart-speaker-market-44984088.html</a> ) (June 2020)	SONOS-SVG2-00234946	403, A, H, R				
TX7161	6/29/2020	Webpage: IFTTT - Trust, Ownership, Control and Business Model ( <a href="https://www.merrecivilian.com/ifttt/#:~:text=IFTTT has stated that there are over 200%2C000,expensive tiers and any revenue from IFTTT partners">https://www.merrecivilian.com/ifttt/#:~:text=IFTTT has stated that there are over 200%2C000,expensive tiers and any revenue from IFTTT partners</a> )	SONOS-SVG2-00234958	403, A, H, MIL, R				
TX7162		StatCounter - Mobile Operating System Market Share in United States of America - January 2018 to November 2022	SONOS-SVG2-00234973	403, A, H, R				
TX7163	N/A	Webpage: StatCounter - Mobile Vendor Market share in United States of America - June 2022 ( <a href="https://gs.statcounter.com/vendor-market-share/mobile/united-states-of-america/#monthly-201801-202203">https://gs.statcounter.com/vendor-market-share/mobile/united-states-of-america/#monthly-201801-202203</a> )	SONOS-SVG2-00234979	403, A, H, R				
TX7164	6/4/2019	Webpage: Bloomberg Law - Big Tech Opens Wallet for Patents to Stop Infringement Fights ( <a href="https://news.bloomberglaw.com/ip-law/uber-google-others-gear-up-for-defensive-patent-buy-1">https://news.bloomberglaw.com/ip-law/uber-google-others-gear-up-for-defensive-patent-buy-1</a> )	SONOS-SVG2-00234984	403, A, H				
TX7165	1/3/2018	Webpage: Business Insider - Amazon and Google probably lost money on their smart speakers over Christmas ( <a href="https://www.businessinsider.com/amazon-and-google-probably-lost-money-on-smart-speakers-over-christmas-2018-1">https://www.businessinsider.com/amazon-and-google-probably-lost-money-on-smart-speakers-over-christmas-2018-1</a> )	SONOS-SVG2-00234986	403, A, H, MIL, R				
TX7166		The Smart Audio Report, NPR and Edison Research (Spring 2020)	SONOS-SVG2-00234993	403, A, H, MIL, R				
TX7167	9/16/2018	Webpage: Pacific Standard - the Ultimate Patent Troll ( <a href="https://psmag.com/magazine/a-patent-boogieman-with-the-potential-to-obliterate-aspiring-startups">https://psmag.com/magazine/a-patent-boogieman-with-the-potential-to-obliterate-aspiring-startups</a> )	SONOS-SVG2-00235048	403, A, H, R				
TX7168	6/8/2020	Webpage: What Hi-Fi? - Sonos S2 update: everything you need to know ( <a href="https://www.whathifi.com/advice/sonos-s2-update-everything-you-need-to-know">https://www.whathifi.com/advice/sonos-s2-update-everything-you-need-to-know</a> )	SONOS-SVG2-00235050	403, A, H, R				
TX7169	1/26/2021	Webpage: Chrome Unboxed - It's official: the Google Home Max is discontinued for real this time ( <a href="https://chromeunboxed.com/google-home-max-discontinued-google-store">https://chromeunboxed.com/google-home-max-discontinued-google-store</a> )	SONOS-SVG2-00235064	403, A, H, R				
TX7170	N/A	Webpage: Samsung - How to use Google apps on your Galaxy phone or tablet ( <a href="https://www.samsung.com/us/support/answer/ANS00089082/">https://www.samsung.com/us/support/answer/ANS00089082/</a> )	SONOS-SVG2-00235067	403, A, H, R				
TX7171	N/A	Webpage: Google Play - Screen Mirroring - Miracast, About this app ( <a href="https://play.google.com/store/apps/details?id=screen.mirroring.screenmirroring&amp;hl=en_US&amp;gl=US">https://play.google.com/store/apps/details?id=screen.mirroring.screenmirroring&amp;hl=en_US&amp;gl=US</a> )	SONOS-SVG2-00235070	403, A, H, R				

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TX7172	10/4/2017	Webpage: The Verge - Google Home Max is a supersized version of the smart home speaker ( <a href="https://www.theverge.com/circuitbreaker/2017/10/4/16404380/google-home-max-smart-stereo-speaker-announced-price-release-date">https://www.theverge.com/circuitbreaker/2017/10/4/16404380/google-home-max-smart-stereo-speaker-announced-price-release-date</a> )	SONOS-SVG2-00235074	403, A, H, R				
TX7173	9/4/2011	Webpage: SEO By The Sea - Google Picks Up Hardware and Media Patents from Outland Research ( <a href="https://www.seobythesea.com/2011/09/google-picks-up-hardware-and-media-patents-from-outland-research/">https://www.seobythesea.com/2011/09/google-picks-up-hardware-and-media-patents-from-outland-research/</a> )	SONOS-SVG2-00235093	403, A, H, R				
TX7174		Economic Damages in Intellectual Property, Daniel Slotte (2006) (excerpt)	SONOS-SVG2-00235135	403, H, R				
TX7175	N/A	Webpage: Sonos - How Sonos Works ( <a href="https://www.sonos.com/en-us/how-sonos-works">https://www.sonos.com/en-us/how-sonos-works</a> )	SONOS-SVG2-00235441	403, H, R				
TX7176	N/A	Webpage: Sonos - Shop All Products ( <a href="https://www.sonos.com/en-us/shop">https://www.sonos.com/en-us/shop</a> )	SONOS-SVG2-00235457	403, H, R				
TX7177	2/1/2022	Webpage: Statista - Replacement cycle length of smartphones in the United States 2014-2025, in years ( <a href="https://www.statista.com/statistics/619788/average-smartphone-life/">https://www.statista.com/statistics/619788/average-smartphone-life/</a> )	SONOS-SVG2-00235482	403, A, H, R				
TX7178		Statista - Unit shipments of tablets in the United States from 2015 to 2025 (in million units)	SONOS-SVG2-00235484	403, A, H, R				
TX7179		Where to Begin?... Setting Rates for Reasonable Royalties, IpQ Vol. II, No. 2, Peter Strand (Shook Hardy & Bacon, February 2021)	SONOS-SVG2-00235485	403, H, R				
TX7180		Statcounter - Tablet Operating System Market Share in United States of America - July 2020 to December 2022	SONOS-SVG2-00235491	403, A, H, R				
TX7181	N/A	Webpage: Google Play - TV Cast: AnyCast in smart view, TV Master - Smart TV Remote Control ( <a href="https://play.google.com/store/apps/details?id=com.tv.cast.screen.mirrorin.g.remote.control&amp;hl=en_US&amp;gl=US">https://play.google.com/store/apps/details?id=com.tv.cast.screen.mirrorin.g.remote.control&amp;hl=en_US&amp;gl=US</a> )	SONOS-SVG2-00235496	403, R				
TX7182	N/A	Webpage: Valorvortech - How Long Can a Smartphone Last? (With 6 Real Examples) ( <a href="https://valorvortech.com/how-long-can-a-smartphone-last/">https://valorvortech.com/how-long-can-a-smartphone-last/</a> )	SONOS-SVG2-00235502	403, A, H, R				
TX7183	8/24/2021	Webpage: The Verge - A guide to platform fees ( <a href="https://www.theverge.com/21445923/platform-fees-apps-games-business-marketplace-apple-google">https://www.theverge.com/21445923/platform-fees-apps-games-business-marketplace-apple-google</a> )	SONOS-SVG2-00235537	403, A, H, R				
TX7184	8/3/2020	Webpage: The Verge - Google announces Pixel 5, Pixel 4A 5G, and Pixel 4A all at once ( <a href="https://www.theverge.com/2020/8/3/21352032/google-pixel-5-4a-5g-price-release-date-specs">https://www.theverge.com/2020/8/3/21352032/google-pixel-5-4a-5g-price-release-date-specs</a> )	SONOS-SVG2-00235552	403, A, H, R				
TX7185	11/14/2018	Webpage: The Verge - The Google Assistant smart home ecosystem is slowly starting to take shape ( <a href="https://www.theverge.com/2018/11/14/18093872/google-assistant-smart-home-broadcast-reply-routines">https://www.theverge.com/2018/11/14/18093872/google-assistant-smart-home-broadcast-reply-routines</a> )	SONOS-SVG2-00235562	403, A, H, MIL, R				
TX7186	1/6/2022	Webpage: New York Times - Google Infringed on Sonos Speaker Technology, Trade Court Rules ( <a href="https://www.nytimes.com/2022/01/06/technology/google-sonos-patents.html">https://www.nytimes.com/2022/01/06/technology/google-sonos-patents.html</a> )	SONOS-SVG2-00235569	403, A, H, MIL, R				
TX7187	5/14/2019	Webpage: Wired UK - Google Assistant finally comes to Sonos speakers ( <a href="https://www.wired.co.uk/article/sonos-google-assistant-update-uk-release-date">https://www.wired.co.uk/article/sonos-google-assistant-update-uk-release-date</a> )	SONOS-SVG2-00235572	403, A, H, MIL, R				
TX7188	5/6/2020	Webpage: The Verge - The new Sonos Five looks and sounds identical to the Play:5 it's replacing ( <a href="https://www.theverge.com/2020/5/6/21248545/sonos-five-speaker-announced-play-5-price-features-release-date">https://www.theverge.com/2020/5/6/21248545/sonos-five-speaker-announced-play-5-price-features-release-date</a> )	SONOS-SVG2-00235580	403, A, H, R				
TX7189	10/6/2022	Webpage: Wired - Google Refines the Pixel 7 With Small but Welcome Changes ( <a href="https://www.wired.com/story/google-pixel-7-pixel-7-pro-features-price-release-date/">https://www.wired.com/story/google-pixel-7-pixel-7-pro-features-price-release-date/</a> )	SONOS-SVG2-00235585	403, A, H, R				
TX7190	11/7/2022	Webpage: PhoneArena - Google Pixel 7 release date, price and features ( <a href="https://www.phonearena.com/pixel-7-release-date-price-features">https://www.phonearena.com/pixel-7-release-date-price-features</a> )	SONOS-SVG2-00235600	403, A, H, R				
TX7191		Intellectual Property: Valuation, Exploitation, and Infringement Damages, Gordon V. Smith, et al. (2005)	SONOS-SVG2-00235627	403, H, R				

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TX7192	7/22/2011	Webpage: NRP Planet Money - When Patents Attack ( <a href="https://www.npr.org/sections/money/2011/07/26/138576167/when-patents-attack">https://www.npr.org/sections/money/2011/07/26/138576167/when-patents-attack</a> )	SONOS-SVG2-00236517	403, A, H, R				
TX7193	10/7/2022	Webpage: PhoneArena - Pixel 6a release date, price and features ( <a href="https://www.phonearena.com/google-pixel-6a-release-date-price-features#:~:text=The Pixel 6a was announced, and released on July 28.">https://www.phonearena.com/google-pixel-6a-release-date-price-features#:~:text=The Pixel 6a was announced, and released on July 28.</a> )	SONOS-SVG2-00236544	403, A, H, R				
TX7194	12/10/2015	Webpage: Variety - Google's Chromecast Audio Adapter Gets Multi-Room Support Similar to Sonos ( <a href="https://variety.com/2015/digital/news/chromecast-audio-multiroom-grouping-1201657931/">https://variety.com/2015/digital/news/chromecast-audio-multiroom-grouping-1201657931/</a> )	SONOS-SVG2-00236564	403, A, H, R				
TX7195	5/28/2015	Webpage: Variety - Google Sells 17 Million Chromecast Devices, Clocks 1.5 Billion Casts ( <a href="https://variety.com/2015/digital/news/google-sells-17-million-chromecast-devices-clocks-1-5-billion-casts-1201506974/?sub_action=logged_in">https://variety.com/2015/digital/news/google-sells-17-million-chromecast-devices-clocks-1-5-billion-casts-1201506974/?sub_action=logged_in</a> )	SONOS-SVG2-00236575	403, A, H, R				
TX7196	10/4/2017	Webpage: Engadget - Sonos One is the company's first speaker with built-in voice control ( <a href="https://www.engadget.com/2017-10-04-sonos-one.html">https://www.engadget.com/2017-10-04-sonos-one.html</a> )	SONOS-SVG2-00236885	403, A, H, R				
TX7197	4/29/2016	Webpage: The Guardian - Sonos Play:5 review: one of the best wireless speakers money can buy ( <a href="https://www.theguardian.com/technology/2016/apr/29/sonos-play5-review-wireless-wifi-speaker-multiroom-music">https://www.theguardian.com/technology/2016/apr/29/sonos-play5-review-wireless-wifi-speaker-multiroom-music</a> )	SONOS-SVG2-00236890	403, A, H, R				
TX7198	N/A	Webpage: Sonos - Shop/Speakers/Five ( <a href="https://www.sonos.com/en-us/shop/five">https://www.sonos.com/en-us/shop/five</a> )	SONOS-SVG2-00236900	403, H, R				
TX7199	N/A	Webpage: Sonos - Home ( <a href="https://www.sonos.com/en-us/home">https://www.sonos.com/en-us/home</a> )	SONOS-SVG2-00236908	403, H, R				
TX7200	3/9/2021	Presentation: Sonos Investor Event	SONOS-SVG2-00236923	403, A, H, R				
TX7201	N/A	Webpage: Sonos - One: The Smart Speaker for Music Lovers ( <a href="https://www.sonos.com/en-us/shop/one">https://www.sonos.com/en-us/shop/one</a> )	SONOS-SVG2-00236997	403, A, H, R				
TX7202	10/24/2022	Google Play supported devices list	SONOS-SVG2-00237007	403, A, H, R				
TX7203	10/4/2021	Webpage: TechRadar - 10 years of Siri: the history of Apple's voice assistant ( <a href="https://www.techradar.com/news/siri-10-year-anniversary">https://www.techradar.com/news/siri-10-year-anniversary</a> )	SONOS-SVG2-00238112	403, A, H, R				
TX7204	11/5/2019	Webpage: Google Patents - US10469966B2 - Zone scene management ( <a href="https://patents.google.com/patent/US10469966B2/en?qoq=10469966">https://patents.google.com/patent/US10469966B2/en?qoq=10469966</a> )	SONOS-SVG2-00238131	BE				
TX7205	10/4/2017	Webpage: The Verge - Google hardware is no longer a hobby ( <a href="https://www.theverge.com/2017/10/4/16405184/rick-osterloh-interview-new-google-hardware-vision-htc-deal">https://www.theverge.com/2017/10/4/16405184/rick-osterloh-interview-new-google-hardware-vision-htc-deal</a> )	SONOS-SVG2-00238202	403, A, D, H, R				
TX7206	N/A	Webpage: Google Play - Web Video Case Browser to TV, About this app ( <a href="https://play.google.com/store/apps/details?id=com.instantbits.cast.webvideo&amp;hl=en_US&amp;gl=US">https://play.google.com/store/apps/details?id=com.instantbits.cast.webvideo&amp;hl=en_US&amp;gl=US</a> )	SONOS-SVG2-00238219	403, A, H, R				
TX7207	N/A	Webpage: Google Play - Google Home Apps on Google Play ( <a href="https://play.google.com/store/apps/details?id=com.google.android.apps.chromecast.app">https://play.google.com/store/apps/details?id=com.google.android.apps.chromecast.app</a> )	SONOS-SVG2-00238225	403, R				
TX7208	N/A	Webpage: Apple - iPhone Comparison - iPhone 14 vs iPhone 13 vs iPhone 12 - Apple ( <a href="https://www.apple.com/iphone/compare/?modelList=iphone-14,iphone-13,iphone-12">https://www.apple.com/iphone/compare/?modelList=iphone-14,iphone-13,iphone-12</a> )	SONOS-SVG2-00238229	403, A, H, R				
TX7209	N/A	Webpage: Sonos - How it started ( <a href="https://www.sonos.com/en-us/how-it-started">sonos.com/en-us/how-it-started</a> )	SONOS-SVG2-00238242	403, H, R				
TX7210	N/A	Webpage: Sonos - User Guide S2 app ( <a href="https://www.sonos.com/en-us/guides/s2">https://www.sonos.com/en-us/guides/s2</a> )	SONOS-SVG2-00238256	403, H, R				
TX7211		Sonos User Guide (May 2021)	SONOS-SVG2-00238268	403, H, R				
TX7212	6/25/2019	U.S. Patent No. 10,334,306 (Mackay)	SONOS-SVG2-00238420	403, R				
TX7213	7/12/2022	U.S. Patent No. 11,388,532 (Lambourne)	SONOS-SVG2-00238447	403, R				
TX7214	N/A	Webpage: Sonos - Using the Sonos App, Group and Ungroup Rooms ( <a href="https://support.sonos.com/s_article_3391_language=en_US">https://support.sonos.com/s_article_3391_language=en_US</a> )	SONOS-SVG2-00238499	403, A, H, R				
TX7215	N/A	Webpage: Sonos - Group and Ungroup rooms ( <a href="https://support.sonos.com/en-us/article/group-and-ungroup-rooms">https://support.sonos.com/en-us/article/group-and-ungroup-rooms</a> )	SONOS-SVG2-00238501	403, A, H, R				
TX7216	12/24/2020	WIPO International Publication No. WO 2020/256766 (Chan)	SONOS-SVG2-00238506	403, R				
TX7217	N/A	Webpage: Cue Sale - Yamaha DME64N Mixing Engine ( <a href="https://cuesale.com/product/yamaha-dme64n-mixing-engine/">https://cuesale.com/product/yamaha-dme64n-mixing-engine/</a> )	SONOS-SVG2-00238563	403, A, H, R				

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TRIAL EX.	DATE	DESCRIPTION	BATES BEGIN	GOOGLE'S OBJECTIONS	SONOS'S OBJECTIONS	DATE OFFERED	DATE ADMITTED	LIMITATIONS OF USE
TX7218	7/31/2012	U.S. Patent No. 8,234,395 (Millington)	SONOS-SVG2-00238565	403, R				
TX7219	N/A	Webpage: Wikipedia - macOS Monterey ( <a href="https://en.wikipedia.org/wiki/MacOS_Monterey">https://en.wikipedia.org/wiki/MacOS_Monterey</a> )	SONOS-SVG2-00238622	403, A, H, R				
TX7220	12/1/2022	Webpage: Wayback Machine, Google - Google speaker and display firmware versions and release notes (last updated 11/29/2022) ( <a href="https://web.archive.org/web/20221201014118/https://support.google.com/googlenest/answer/7365257?hl=en#zippy=%2Ccurrent-production-firmware-version%2Ccu...">https://web.archive.org/web/20221201014118/https://support.google.com/googlenest/answer/7365257?hl=en#zippy=%2Ccurrent-production-firmware-version%2Ccu...</a> )	SONOS-SVG2-00238627	403, A, H, R				
TX7221	11/29/2022	Webpage: Google - Google speaker and display firmware versions and release notes ( <a href="https://support.google.com/googlenest/answer/7365257?hl=en#zippy=%2...f-your-speaker-or-display%2Ccheck-the-version-on-your-nest-display">https://support.google.com/googlenest/answer/7365257?hl=en#zippy=%2...f-your-speaker-or-display%2Ccheck-the-version-on-your-nest-display</a> )	SONOS-SVG2-00238629	403, R				
TX7222	12/21/2022	Webpage: Wayback Machine, Google - Google speaker and display firmware versions and release notes (last updated 12/13/2022) ( <a href="https://web.archive.org/web/20221221183441/https://support.google.com/googlenest/answer/7365257?hl=en#zippy=%2Ccurrent-preview-program-firmware-version...">https://web.archive.org/web/20221221183441/https://support.google.com/googlenest/answer/7365257?hl=en#zippy=%2Ccurrent-preview-program-firmware-version...</a> )	SONOS-SVG2-00238631	403, A, H, R				
TX7223	1/11/2023	Webpage: Google - Google speaker and display firmware versions and release notes ( <a href="https://support.google.com/googlenest/answer/7365257?hl=en#zippy=%2Ccurrent-preview-program-firmware-version%2Ccurrent-production-firmware-version%2C...">https://support.google.com/googlenest/answer/7365257?hl=en#zippy=%2Ccurrent-preview-program-firmware-version%2Ccurrent-production-firmware-version%2C...</a> )	SONOS-SVG2-00238633	403, R				
TX7224	N/A	Webpage: IFTTT - Explore ( <a href="https://ifttt.com_search_query_music">https://ifttt.com_search_query_music</a> )	SONOS-SVG2-00238635	403, A, H, MIL, R				
TX7225	N/A	Webpage: IFTTT - IFTTT Pro ( <a href="https://ifttt.com/search/query/music">https://ifttt.com/search/query/music</a> )	SONOS-SVG2-00238642	403, A, H, MIL, R				
TX7226		WITHDRAWN						
TX7227		WITHDRAWN						
TX7228		WITHDRAWN						
TX7229		WITHDRAWN						
TX7230		WITHDRAWN						
TX7231		WITHDRAWN						
TX7232		WITHDRAWN						
TX7233		WITHDRAWN						
TX7234		WITHDRAWN						
TX7235		Printed excerpts of Google source code (SC-GOOG-SONOSNDCA-000001-1865)	SC-GOOG-SONOSNDCA-000001	403, R	A; H; R; PK; MSJ; MIL			
TX7236		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000001	403, R				
TX7237		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000002	403, R				
TX7238		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000003	403, R				
TX7239		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000009	403, R				
TX7240		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000010	403, R				
TX7241		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000011	403, R				
TX7242		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000013	403, R				
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TX7247		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000020	403, R				
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TX7255		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000031	403, R				
TX7256		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000032	403, R				
TX7257		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000033	403, R				
TX7258		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000034	403, R				

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TX7259		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000037	403, R				
TX7260		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000039	403, R				
TX7261		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000040	403, R				
TX7262		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000041	403, R				
TX7263		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000042	403, R				
TX7264		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000044	403, R				
TX7265		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000052	403, R				
TX7266		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000053	403, R				
TX7267		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000054	403, R				
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TX7270		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000063	403, R				
TX7271		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000064	403, R				
TX7272		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000065	403, R				
TX7273		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000066	403, R				
TX7274		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000068	403, R				
TX7275		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000070	403, R				
TX7276		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000072	403, R				
TX7277		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000073	403, R				
TX7278		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000074	403, R				
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TX7280		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000081	403, R				
TX7281		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000083	403, R				
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TX7293		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000103	403, R				
TX7294		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000104	403, R				
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TX7298		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000109	403, R				
TX7299		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000111	403, R				
TX7300		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000112	403, R				
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TX7313		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000135	403, R				
TX7314		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000136	403, R				
TX7315		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000137	403, R				
TX7316		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000140	403, R				
TX7317		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000141	403, R				

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TX7318		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000144	403, R				
TX7319		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000145	403, R				
TX7320		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000146	403, R				
TX7321		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000148	403, R				
TX7322		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000149	403, R				
TX7323		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000150	403, R				
TX7324		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000154	403, R				
TX7325		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000156	403, R				
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TX7330		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000165	403, R				
TX7331		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000167	403, R				
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TX7376		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000265	403, R				



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TX7377		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000268	403, R				
TX7378		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000270	403, R				
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TX7380		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000275	403, R				
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TX7402		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000313	403, R				
TX7403		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000314	403, R				
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TX7408		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000324	403, R				
TX7409		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000325	403, R				
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TX7433		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000381	403, R				
TX7434		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000382	403, R				
TX7435		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000383	403, R				



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TRIAL EX.	DATE	DESCRIPTION	BATES BEGIN	GOOGLE'S OBJECTIONS	SONOS'S OBJECTIONS	DATE OFFERED	DATE ADMITTED	LIMITATIONS OF USE
TX7436		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000384	403, R				
TX7437		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000385	403, R				
TX7438		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000386	403, R				
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TX7441		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000394	403, R				
TX7442		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000410	403, R				
TX7443		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000411	403, R				
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TX7447		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000420	403, R				
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TX7491		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000510	403, R				
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TX7494		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000517	403, R				

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TRIAL EX.	DATE	DESCRIPTION	BATES BEGIN	GOOGLE'S OBJECTIONS	SONOS'S OBJECTIONS	DATE OFFERED	DATE ADMITTED	LIMITATIONS OF USE
TX7495		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000518	403, R				
TX7496		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000520	403, R				
TX7497		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000521	403, R				
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TX7553		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000609	403, R				

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TRIAL EX.	DATE	DESCRIPTION	BATES BEGIN	GOOGLE'S OBJECTIONS	SONOS'S OBJECTIONS	DATE OFFERED	DATE ADMITTED	LIMITATIONS OF USE
TX7554		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000610	403, R				
TX7555		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000613	403, R				
TX7556		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000614	403, R				
TX7557		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000620	403, R				
TX7558		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000621	403, R				
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TX7612		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000700	403, R				

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TRIAL EX.	DATE	DESCRIPTION	BATES BEGIN	GOOGLE'S OBJECTIONS	SONOS'S OBJECTIONS	DATE OFFERED	DATE ADMITTED	LIMITATIONS OF USE
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TX7635		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000733	403, R				
TX7636		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000734	403, R				
TX7637		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000735	403, R				
TX7638		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000737	403, R				
TX7639		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000739	403, R				
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TX7641		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000743	403, R				
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TX7645		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000748	403, R				
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TX7647		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000751	403, R				
TX7648		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000753	403, R				
TX7649		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000754	403, R				
TX7650		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000755	403, R				
TX7651		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000757	403, R				
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TX7653		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000760	403, R				
TX7654		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000761	403, R				
TX7655		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000762	403, R				
TX7656		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000764	403, R				
TX7657		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000765	403, R				
TX7658		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000767	403, R				
TX7659		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000768	403, R				
TX7660		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000769	403, R				
TX7661		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000770	403, R				
TX7662		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000771	403, R				
TX7663		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000772	403, R				
TX7664		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000773	403, R				
TX7665		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000774	403, R				
TX7666		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000775	403, R				
TX7667		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000777	403, R				
TX7668		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000778	403, R				
TX7669		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000779	403, R				
TX7670		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000780	403, R				
TX7671		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000781	403, R				

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TRIAL EX.	DATE	DESCRIPTION	BATES BEGIN	GOOGLE'S OBJECTIONS	SONOS'S OBJECTIONS	DATE OFFERED	DATE ADMITTED	LIMITATIONS OF USE
TX7672		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000782	403, R				
TX7673		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000783	403, R				
TX7674		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000785	403, R				
TX7675		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000788	403, R				
TX7676		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000790	403, R				
TX7677		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000791	403, R				
TX7678		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000793	403, R				
TX7679		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000794	403, R				
TX7680		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000796	403, R				
TX7681		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000797	403, R				
TX7682		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000798	403, R				
TX7683		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000799	403, R				
TX7684		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000800	403, R				
TX7685		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000801	403, R				
TX7686		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000802	403, R				
TX7687		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000806	403, R				
TX7688		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000808	403, R				
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TX7692		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000813	403, R				
TX7693		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000815	403, R				
TX7694		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000816	403, R				
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TX7698		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000821	403, R				
TX7699		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000822	403, R				
TX7700		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000823	403, R				
TX7701		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000824	403, R				
TX7702		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000826	403, R				
TX7703		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000828	403, R				
TX7704		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000829	403, R				
TX7705		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000832	403, R				
TX7706		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000833	403, R				
TX7707		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000834	403, R				
TX7708		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000836	403, R				
TX7709		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000838	403, R				
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TX7711		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000841	403, R				
TX7712		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000844	403, R				
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TX7722		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000854	403, R				
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TX7726		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000859	403, R				
TX7727		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000860	403, R				
TX7728		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000861	403, R				
TX7729		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000862	403, R				
TX7730		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000863	403, R				



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TRIAL EX.	DATE	DESCRIPTION	BATES BEGIN	GOOGLE'S OBJECTIONS	SONOS'S OBJECTIONS	DATE OFFERED	DATE ADMITTED	LIMITATIONS OF USE
TX7731		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000864	403, R				
TX7732		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000865	403, R				
TX7733		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000866	403, R				
TX7734		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000868	403, R				
TX7735		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000878	403, R				
TX7736		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000883	403, R				
TX7737		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000887	403, R				
TX7738		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000889	403, R				
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TX7740		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000895	403, R				
TX7741		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000897	403, R				
TX7742		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000898	403, R				
TX7743		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000900	403, R				
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TX7745		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000904	403, R				
TX7746		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000905	403, R				
TX7747		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000906	403, R				
TX7748		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000909	403, R				
TX7749		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000910	403, R				
TX7750		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000911	403, R				
TX7751		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000912	403, R				
TX7752		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000913	403, R				
TX7753		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000920	403, R				
TX7754		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000922	403, R				
TX7755		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000923	403, R				
TX7756		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000925	403, R				
TX7757		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000929	403, R				
TX7758		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000932	403, R				
TX7759		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000933	403, R				
TX7760		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000934	403, R				
TX7761		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000935	403, R				
TX7762		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000943	403, R				
TX7763		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000944	403, R				
TX7764		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000945	403, R				
TX7765		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000947	403, R				
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TX7768		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000953	403, R				
TX7769		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000954	403, R				
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TX7780		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000982	403, R				
TX7781		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000983	403, R				
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TX7784		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000986	403, R				
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TX7786		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000988	403, R				
TX7787		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000989	403, R				
TX7788		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000993	403, R				
TX7789		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000994	403, R				

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TRIAL EX.	DATE	DESCRIPTION	BATES BEGIN	GOOGLE'S OBJECTIONS	SONOS'S OBJECTIONS	DATE OFFERED	DATE ADMITTED	LIMITATIONS OF USE
TX7790		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-000995	403, R				
TX7791		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001000	403, R				
TX7792		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001001	403, R				
TX7793		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001018	403, R				
TX7794		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001024	403, R				
TX7795		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001026	403, R				
TX7796		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001038	403, R				
TX7797		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001042	403, R				
TX7798		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001043	403, R				
TX7799		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001046	403, R				
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TX7801		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001067	403, R				
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TX7828		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001235	403, R				
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TX7848		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001292	403, R				



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TRIAL EX.	DATE	DESCRIPTION	BATES BEGIN	GOOGLE'S OBJECTIONS	SONOS'S OBJECTIONS	DATE OFFERED	DATE ADMITTED	LIMITATIONS OF USE
TX7849		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001295	403, R				
TX7850		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001298	403, R				
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TX7852		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001306	403, R				
TX7853		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001307	403, R				
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TX7855		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001310	403, R				
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TX7868		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001331	403, R				
TX7869		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001332	403, R				
TX7870		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001333	403, R				
TX7871		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001334	403, R				
TX7872		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001336	403, R				
TX7873		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001337	403, R				
TX7874		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001338	403, R				
TX7875		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001339	403, R				
TX7876		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001341	403, R				
TX7877		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001343	403, R				
TX7878		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001345	403, R				
TX7879		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001346	403, R				
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TX7881		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001348	403, R				
TX7882		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001349	403, R				
TX7883		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001351	403, R				
TX7884		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001352	403, R				
TX7885		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001355	403, R				
TX7886		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001356	403, R				
TX7887		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001357	403, R				
TX7888		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001362	403, R				
TX7889		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001363	403, R				
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TX7891		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001366	403, R				
TX7892		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001367	403, R				
TX7893		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001368	403, R				
TX7894		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001370	403, R				
TX7895		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001371	403, R				
TX7896		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001373	403, R				
TX7897		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001374	403, R				
TX7898		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001375	403, R				
TX7899		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001376	403, R				
TX7900		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001377	403, R				
TX7901		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001379	403, R				
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TX7903		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001384	403, R				
TX7904		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001385	403, R				
TX7905		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001386	403, R				
TX7906		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001387	403, R				
TX7907		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001388	403, R				

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TX7908		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001389	403, R				
TX7909		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001390	403, R				
TX7910		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001391	403, R				
TX7911		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001392	403, R				
TX7912		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001393	403, R				
TX7913		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001394	403, R				
TX7914		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001395	403, R				
TX7915		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001396	403, R				
TX7916		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001397	403, R				
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TX7919		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001400	403, R				
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TX7941		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001425	403, R				
TX7942		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001426	403, R				
TX7943		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001427	403, R				
TX7944		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001428	403, R				
TX7945		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001429	403, R				
TX7946		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001430	403, R				
TX7947		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001431	403, R				
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TX7964		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001456	403, R				
TX7965		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001457	403, R				
TX7966		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001458	403, R				

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TX7967		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001459	403, R				
TX7968		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001460	403, R				
TX7969		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001461	403, R				
TX7970		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001462	403, R				
TX7971		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001464	403, R				
TX7972		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001465	403, R				
TX7973		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001467	403, R				
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TX7992		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001491	403, R				
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TX7998		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001499	403, R				
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TX8002		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001505	403, R				
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TX8004		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001507	403, R				
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TX8012		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001518	403, R				
TX8013		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001519	403, R				
TX8014		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001520	403, R				
TX8015		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001521	403, R				
TX8016		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001522	403, R				
TX8017		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001523	403, R				
TX8018		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001524	403, R				
TX8019		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001525	403, R				
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TX8022		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001530	403, R				
TX8023		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001531	403, R				
TX8024		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001534	403, R				
TX8025		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001536	403, R				

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TX8026		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001537	403, R				
TX8027		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001538	403, R				
TX8028		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001539	403, R				
TX8029		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001542	403, R				
TX8030		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001543	403, R				
TX8031		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001544	403, R				
TX8032		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001545	403, R				
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TX8083		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001691	403, R				
TX8084		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001692	403, R				

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TRIAL EX.	DATE	DESCRIPTION	BATES BEGIN	GOOGLE'S OBJECTIONS	SONOS'S OBJECTIONS	DATE OFFERED	DATE ADMITTED	LIMITATIONS OF USE
TX8085		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001694	403, R				
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TX8087		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001697	403, R				
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TX8089		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001700	403, R				
TX8090		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001703	403, R				
TX8091		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001706	403, R				
TX8092		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001709	403, R				
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TX8096		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001714	403, R				
TX8097		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001715	403, R				
TX8098		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001719	403, R				
TX8099		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001722	403, R				
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TX8101		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001725	403, R				
TX8102		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001728	403, R				
TX8103		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001729	403, R				
TX8104		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001731	403, R				
TX8105		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001732	403, R				
TX8106		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001733	403, R				
TX8107		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001735	403, R				
TX8108		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001737	403, R				
TX8109		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001742	403, R				
TX8110		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001743	403, R				
TX8111		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001745	403, R				
TX8112		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001747	403, R				
TX8113		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001749	403, R				
TX8114		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001750	403, R				
TX8115		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001752	403, R				
TX8116		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001753	403, R				
TX8117		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001755	403, R				
TX8118		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001757	403, R				
TX8119		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001760	403, R				
TX8120		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001762	403, R				
TX8121		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001764	403, R				
TX8122		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001774	403, R				
TX8123		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001777	403, R				
TX8124		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001785	403, R				
TX8125		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001787	403, R				
TX8126		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001799	403, R				
TX8127		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001802	403, R				
TX8128		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001804	403, R				
TX8129		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001805	403, R				
TX8130		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001813	403, R				
TX8131		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001815	403, R				
TX8132		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001817	403, R				
TX8133		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001818	403, R				
TX8134		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001819	403, R				
TX8135		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001820	403, R				
TX8136		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001821	403, R				
TX8137		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001822	403, R				
TX8138		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001823	403, R				
TX8139		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001829	403, R				
TX8140		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001830	403, R				
TX8141		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001831	403, R				
TX8142		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001833	403, R				
TX8143		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001834	403, R				



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TRIAL EX.	DATE	DESCRIPTION	BATES BEGIN	GOOGLE'S OBJECTIONS	SONOS'S OBJECTIONS	DATE OFFERED	DATE ADMITTED	LIMITATIONS OF USE
TX8144		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001835	403, R				
TX8145		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001836	403, R				
TX8146		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001838	403, R				
TX8147		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001839	403, R				
TX8148		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001840	403, R				
TX8149		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001841	403, R				
TX8150		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001842	403, R				
TX8151		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001843	403, R				
TX8152		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001844	403, R				
TX8153		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001845	403, R				
TX8154		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001846	403, R				
TX8155		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001848	403, R				
TX8156		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001849	403, R				
TX8157		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001850	403, R				
TX8158		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001851	403, R				
TX8159		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001855	403, R				
TX8160		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001857	403, R				
TX8161		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001863	403, R				
TX8162		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001864	403, R				
TX8163		Printed excerpt of Google source code	SC-GOOG-SONOSNDCA-001865	403, R				
TX8164		WITHDRAWN						
TX8165		WITHDRAWN						
TX8166		WITHDRAWN						
TX8167		WITHDRAWN						
TX8168		WITHDRAWN						
TX8169		WITHDRAWN						
TX8170		WITHDRAWN						
TX8171		WITHDRAWN						
TX8172		WITHDRAWN						
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TX8197		WITHDRAWN						
TX8198		WITHDRAWN						
TX8199		WITHDRAWN						
TX8200		WITHDRAWN						
TX8201		WITHDRAWN						
TX8202		WITHDRAWN						

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TX8203		WITHDRAWN						
TX8204		WITHDRAWN						
TX8205		WITHDRAWN						
TX8206		WITHDRAWN						
TX8207		WITHDRAWN						
TX8208		WITHDRAWN						
TX8209		WITHDRAWN						
TX8210		WITHDRAWN						
TX8211		WITHDRAWN						
TX8212		WITHDRAWN						
TX8213		WITHDRAWN						
TX8214		WITHDRAWN						
TX8215		WITHDRAWN						
TX8216		WITHDRAWN						
TX8217		WITHDRAWN						
TX8218		WITHDRAWN						
TX8219		WITHDRAWN						
TX8220		WITHDRAWN						
TX8221		WITHDRAWN						
TX8222		WITHDRAWN						
TX8223		WITHDRAWN						
TX8224		WITHDRAWN						
TX8225		WITHDRAWN						
TX8226		WITHDRAWN						
TX8227		WITHDRAWN						
TX8228		WITHDRAWN						
TX8229		WITHDRAWN						
TX8230		WITHDRAWN						
TX8231		WITHDRAWN						
TX8232		WITHDRAWN						
TX8233		WITHDRAWN						
TX8234		WITHDRAWN						
TX8235		Webpage: Sonos Community, Why no "Saved Scenes" or "Group/Volume Presets"? ( <a href="https://en.community.sonos.com/controllers-and-music-services-228995/why-no-saved-scenes-or-goup-volume-presets-6828776">https://en.community.sonos.com/controllers-and-music-services-228995/why-no-saved-scenes-or-goup-volume-presets-6828776</a> )		403, R, H, U, PK				
TX8236	9/29/2004	Computation Book by Rob Lambourne 29 Sept 04, re User Experience	SONOS-SVG2-00026312	403; R; PK; U; A				
TX8237	11/5/2019	Physical: Ribbon copy of U.S. Patent No. 10,469,966 (Lambourne)		U				
TX8238	11/24/2020	Physical: Ribbon copy of U.S. Patent No. 10,848,885 (Lambourne)		U				
TX8239	5/11/2021	Physical: Ribbon copy of certificate of correction for U.S. Patent No. 10,848,885 (Lambourne)		U				
PX0100		Sonos Digital Music System Controller CR100	N/A		403; R; PK; U			
PX0101		Sonos Digital Music System ZonePlayer ZP80s	N/A		403; R; PK; U			
PX0102		Sonos Multi-Room Music System ZoneBridge BR100	N/A		403; R; PK; U			
PX0103		Bose Lifestyle 50 system	N/A		403; R; PK; U			
PX0104		Logitech VM/Linux Test System   Slimserver (MAC 00:0C:29:A3:52:C6)	N/A		403; R; PK; U			
PX0105		Logitech VM/Linux Test System   Slimserver (MAC 00:0C:29:3B:B5:D2)	N/A		403; R; PK; U			
PX0106		Logitech VM/Linux Test System   Player1 (MAC 00:0C:29:45:6F:C2)	N/A		403; R; PK; U			
PX0107		Logitech VM/Linux Test System   Player2 (MAC 00:0C:29:83:57:01)	N/A		403; R; PK; U			
PX0108		Logitech VM/Linux Test System   Player3 (MAC 00:0C:29:B2:5E:60)	N/A		403; R; PK; U			
PX0109		Logitech VM/Linux Test System   Player1 (MAC bc:39:f3:c4:1e:29)	N/A		403; R; PK; U			
PX0110		Logitech VM/Linux Test System   Player2 (MAC 0f:59:51:64:dc:d7)	N/A		403; R; PK; U			
PX0111		Logitech VM/Linux Test System   Player3 (MAC 51:93:a5:ad:53:20)	N/A		403; R; PK; U			
PX0112		Squeezebox Slim Devices (MAC 00:04:20:07:10:A5)	N/A		403; R; PK; U			
PX0113		Squeezebox Slim Devices (MAC 00:04:20:06:EF:26)	N/A		403; R; PK; U			
PX0114		Squeezebox Slim Devices (MAC 00:04:20:06:CD:14)	N/A		403; R; PK; U			
PX0115		Squeezebox Slim Devices (MAC 00:04:20:07:F6:A6)	N/A		403; R; PK; U			



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PX0116		Google Test Devices	N/A		403; H; R; PK; A			